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DEPARTMENT OF DEFENSE

WARTIME MANPOWER PLANNING SYSTEM ADP SYSTEM USERS MANUAL

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(MOBILIZATION PLANNING AND REQUIREMENTS)

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FOREWORD

This Manual is issued under the authority of DoD Instruction 1100.19, "Wartime Manpower Mobilization Planning Policies and Procedures," February 20, 1986. It supersedes DoD 1100.19-M, June 1983 and its purpose is to provide guidance in the operation of the "Wartime Manpower Mobilization Planning System (WARMAPS)".

This Manual applies to the Office of the Secretary of Defense (OSD), the Military Departments, the Coast Guard (by agreement), and the Defense Agencies (hereafter referred to as "DoD Components").

This Manual is effective immediately and is for use by the above DoD Components. Heads of DoD Components may issue supplementary instructions only when necessary to provide for unique requirements within their respective Components.

Send recommended changes to the Manual through channels to:

Deputy Assistant Secretary of Defense
(Mobilization Planning & Requirements)
Office of the Secretary of Defense
Washington, D.C. 20301-4000

DoD Components may obtain copies of this Manual through their own publication channels. Other Federal Agencies and the public may obtain copies from the National Technical Information Service, U.S. Department of Commerce, 5285 Port Royal Road, Springfield, Va 22161.

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CHAPTER 1

GENERAL INFORMATION

A. PURPOSE

This Manual provides guidance to users of the Wartime Manpower Mobilization Planning System (WARMAPS) for processing wartime manpower data and should be used in conjunction with the current issue of DoD 1100.19-H.

B. BACKGROUND

The system was developed by the Office of the Deputy Assistant Secretary of Defense (Mobilization Planning and Requirements) (DASD(MP&R)) and is operated at the 1st Information Systems Group (1ISG) Multiplexed Information and Computing System (MULTICS) computer terminal remote site in Room 2D279, The Pentagon. WARMAPS was developed to establish consistent DoD-approved requirements and availability objectives. The data processed by the system provide the basis for compiling, computing, comparing, presenting, and justifying wartime demand and supply for DoD manpower.

C. SECURITY

Within the system: the operating programs are unclassified; the execution environment is SECRET; the security classifications of military manpower data are determined by the Military Services on a case by case basis in accordance with DoD 5200.1-R; and, the civilian manpower data are usually unclassified.

CHAPTER 2

SYSTEM SUMMARY

A. SYSTEM APPLICATION

1. WARMAPS consists of a military subsystem and a civilian subsystem. Data for each subsystem are developed by the DoD Components for submission to the system.

2. The system software provides users with the capability to perform the following functions:

- a. Construct a WARMAPS data base from DoD Component data submissions (from magnetic tape or by direct key entry).
- b. Check a WARMAPS data base for errors.
- c. Modify a WARMAPS data base to correct data values and to add or delete data records.
- d. Adjust manpower data values to reflect user-desired changes.
- e. Query a WARMAPS data base.
- f. Generate selected output reports.

3. All functions are performed in an interactive fashion by the user while engaged in a MULTICS terminal session.

B. SYSTEM OPERATION

All system functions are controlled by the user by way of interactive sessions at a MULTICS terminal. The system can be operated using any terminal connected to the IISG MULTICS. The system uses the remote line printer or laser page printer located at the MULTICS site for producing hard copy reports.

C. SYSTEM ORGANIZATION

1. The system is menu driven. The menus and other terminal displays with appropriate responses are discussed in Appendix E and Appendix H. Appendix A is a set of flow charts illustrating system organization.

a. Figure A-1 illustrates the overall WARMAPS military manpower processing cycle.

b. Figure A-2 shows the relationship of the functional parts of the military Automated Data Processing (ADP) subsystem that a user controls to process military manpower data.

c. Figure A-3 illustrates the overall WARMAPS civilian manpower processing cycle.

d. Figure A-4 shows the relationship of the functional parts of the civilian ADP subsystem that a user controls to process civilian manpower data.

e. Figure A-5 shows the construction of the civilian manpower data base.

2. The numbers in the corners of the boxes in Figures A-2 and A-4 correspond to options that are displayed on the main military or civilian manpower subsystem menus.

D. SYSTEM PERFORMANCE

Figure B-1 illustrates the WARMAPS User Directories and Figure B-2 shows a number of important MULTICS commands used in the operation of WARMAPS.

1. Military Manpower Subsystem

a. Input. The system receives military manpower data from the Military Services each year during the Program Objectives Memorandum (POM) reporting period. A major update is performed on these data just before the President's Budget is finalized. The Component submissions for each year contain data for the beginning and ending year of a five-year period (corresponding to the Five Year Defense Program (FYDP)). The maximum file size of any Component submission is currently about 2000 records for each of the two years.

b. Output. The reports displayed in Appendix C are produced by the system. These products are generated during the POM reporting period, as the data base is being updated, and during other periods upon request.

c. Processing time. Typical processing times for military manpower processing functions (Appendix E) are listed below:

(1) Loading a Component input tape into a MULTICS segment--average run time: 1 minute.

(2) Building the military manpower data file--average run time: 1 minute.

(3) Editing the military manpower data to detect errors--average run time: 1 minute.

(4) Updating the military manpower file--run time: depends on the number of records to be manipulated.

(5) Generating reports (Appendix C)--average run time: 3 minutes.

d. Error correction. The raw data submitted by the Components usually have errors or invalid data in a few of the records. These errors are displayed in an error report (Appendix D) produced during editing. They can be corrected by the user with system routines.

2. Civilian Manpower Subsystem

a. Input. The system receives current civilian manpower data from the Military Services, Joint Chiefs of Staff, and Defense Agencies every 1 or 2 years, as directed by DASD(MP&R) in conjunction with a mobilization planning review. These reviews are usually timed to precede a scheduled civilian mobilization mini-exercise or the biennial federal mobilization exercise. To date, the maximum file size of any Component submission has been less than 165,000 records.

b. Output. The reports displayed in Appendix F are produced by the system. These reports are generated during new data base development, exercise reporting periods, and during other periods upon request.

c. Processing time. Processing times for civilian manpower processing functions (Appendix H) are highly variable, depending upon the size of the file and the computer system load. Most operations on small files (e.g. Defense Agencies) take less than a minute. Sorting and preparing reports on the largest files (e.g. Army or Air Force) can take over an hour.

d. Error correction. The tapes submitted by the Components may contain errors or invalid data. These errors are displayed in the error report (Appendix G) produced during editing. Errors can then be corrected by the user with system routines.

E. DATA BASE

1. Military Manpower Subsystem

a. The military manpower data base consists of a single file for each Service that is used for report generation. The file contains records with the following elements:

- year
- component
- table
- theater
- manpower category
- manpower type
- time phased manpower data (demand and supply)

b. These elements are explained in detail in DoD 1100.19-H, "Wartime Manpower Program Guidance."

2. Civilian Manpower Subsystem

a. The civilian manpower data base consists of a single file for each Military Service and Defense Agency that is used for report generation. The file contains records with the following elements:

component
location
theater
region
unit
employment category
occupation
Integrated Defense Occupational Stratification (IDOS)
pay plan
grade
time phased manpower data (demand and supply)

b. These elements are explained in detail in DoD 1100.19-H, "Wartime Manpower Program Guidance."

F. INPUTS, PROCESSING, AND OUTPUTS

1. Military Manpower Subsystem

a. Inputs. DoD Components submit military manpower data either on magnetic tape or through direct key entry via MULTICS terminals. After the system generates output reports, DoD Components annotate the reports for desired changes in the manpower data. The annotated reports are then returned and appropriate changes are made to the data base.

b. Processing. The system performs the following functions on the data submitted by the Components:

(1) Transforms the Component input data submission into the internal file format.

(2) Edits the military manpower data file for errors and prepares it for report generation.

(3) Updates the data file (add, delete, or correct records), as needed.

(4) Generates selected reports according to users' requests.

c. Outputs. The users can produce the reports shown in Appendix C.

2. Civilian Manpower Subsystem

a. Inputs. DoD Components submit civilian manpower data either on magnetic tape, IBM PC-compatible floppy diskette or through direct key entry via MULTICS terminals. After the file is constructed, error checks are performed and output reports are generated. These reports are reviewed and annotated to assist the Component in diagnosing illogical and invalid data.

b. Processing. The system performs the following functions on the data submitted by the Components:

(1) Transforms the Component input data submission into the internal file format.

(2) Checks the civilian manpower data file for errors and compiles an error report.

(3) Updates the data file with the users' corrections, additions, or deletions.

(4) Creates sorted files for report generation.

(5) Generates selected reports according to users' requests.

c. Outputs. The users can produce the reports shown in Appendix F.

CHAPTER 3

STAFF PROCEDURES

A. INITIATION

1. DoD Instruction 1100.19 directs the preparation and submission of WARMAPS data in conjunction with the DoD Planning, Programing, and Budgeting System (PPBS) calendar (military manpower data) or with a scheduled mobilization exercise (civilian manpower data). The DASD(MP&R) issues specific data preparation guidance and a data submission suspense date to DoD Components before these events. The WARMAPS processing cycle is initiated upon the receipt of DoD Components' WARMAPS data. In addition, it may be initiated at the request of any Component.

2. To use the WARMAPS software for entering data and getting WARMAPS program output, the user must obtain: access to the MULTICS site (Room 2D279, Pentagon); a user identification; and, a password. For the routine processing of WARMAPS data in conjunction with an established requirement for submission (POM/Presidents Budget/Mobilization Exercise), DASD(MP&R) will provide the appropriate project access (project designator, space, storage, programs). When a DoD Component wishes to perform unique or extraordinary WARMAPS processing, special arrangements must be made with the DASD(MP&R) WARMAPS official for the reimbursement of processing costs. In either case, the procedure for obtaining access to MULTICS is shown below:

a. Provide evidence of security clearance to OASD(FM&P). While a SECRET clearance is sufficient to be granted access to all WARMAPS programs and data files, personnel with SECRET clearances are restricted in their use of the MULTICS site. One or two terminals in a supervised area are provided as available. Access to all terminals and the areas where special color graphics equipment, printers, and other support equipment are available requires a TOP SECRET clearance.

b. Submit a letter to DASD(MP&R) requesting access to the MULTICS site and registration onto the WARMAPS project.

c. After allowing enough time for administrative processing of the request (normally 5 working days), request that the DASD(MP&R) official make an appointment with the MULTICS site manager (Room 2D279, Pentagon) to obtain a user identification and a password.

d. After obtaining a user identification and a password, contact with the WARMAPS ADP system team must be made so that proper access may be given for using the WARMAPS software and files. Contact the WARMAPS team in Room B104, the Cafritz Building, telephone: 697-5244/5/6. In order to understand basic MULTICS operations and the procedures that are necessary for WARMAPS processing, an "Introduction to MULTICS Users Manual" will be provided for review.

e. For any DoD Component-unique tests, experiments, or other data excursions, the Component must establish a new project with designator, space, storage, program, and funding.

B. INPUT PROCESSING

MULTICS is a timesharing system whose normal mode of operation is interactive. This means that all commands or programs executed by the user are processed immediately. MULTICS is designed to be easy to use for analysts with little ADP background. It features a simple command language that can be learned quickly. The file storage system on MULTICS is arranged logically into directories so that each project (such as WARMAPS) has its own directory for storing files. In addition, a unique directory is provided for each user for that project. The WARMAPS project directory arrangement is shown in Figure B-1. All work on the WARMAPS project is performed in various working directories under the "WARMAPS" directory. Some of the more common MULTICS commands used in conjunction with WARMAPS processing are shown in Figure B-2.

C. OUTPUT GENERATION

After entering the directory and initiating the WARMAPS software, all options are controlled by the user by selecting options on various menus. Some options that are selected will execute programs that will require the user to answer a series of questions. Appendices E and H display the key menus and illustrate program questions with appropriate user responses. Sample output products are displayed in Appendices C and F.

APPENDIX A
WARMAPS: SYSTEM ORGANIZATION (FLOWCHARTS)

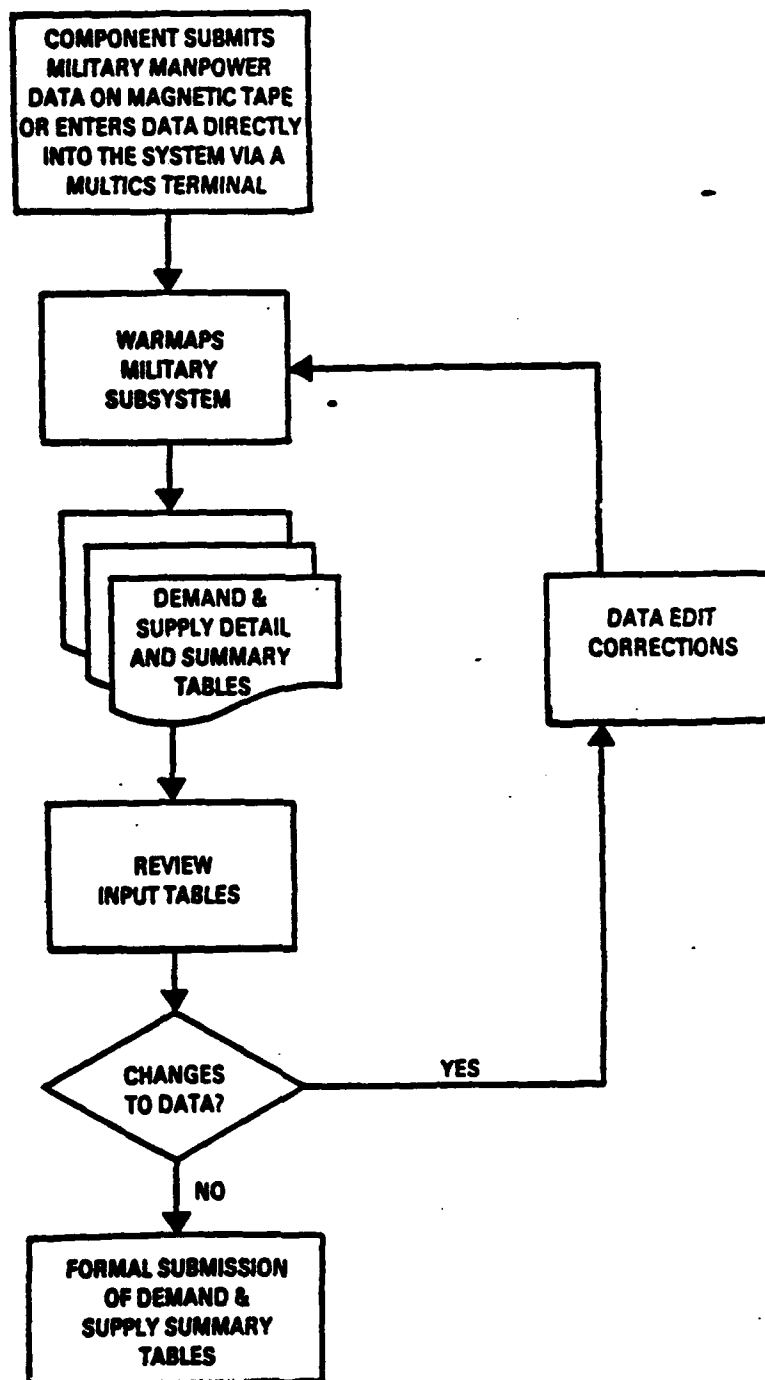
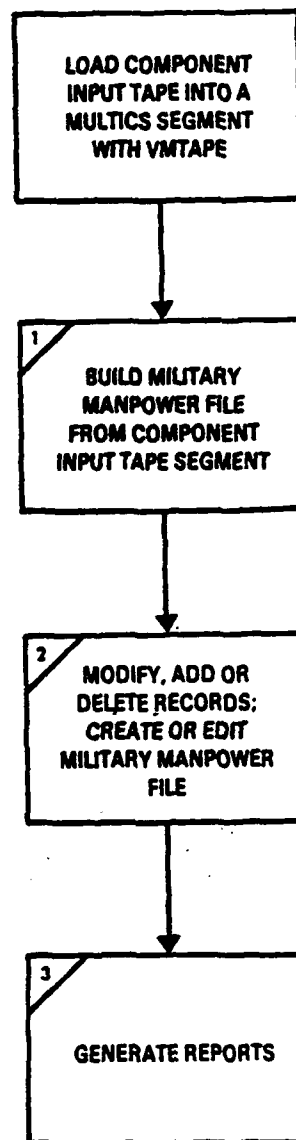


Figure A-1. WARMAPS: Overall Military Manpower Processing Cycle



NOTES:

- A. VMTAPE is a MULTICS utility program that will read a tape into a user specified MULTICS segment.
- B. The numbered boxes correspond to the menu options shown in Figure E-2.

Figure A-2. WARMAPS: Military ADP Subsystem

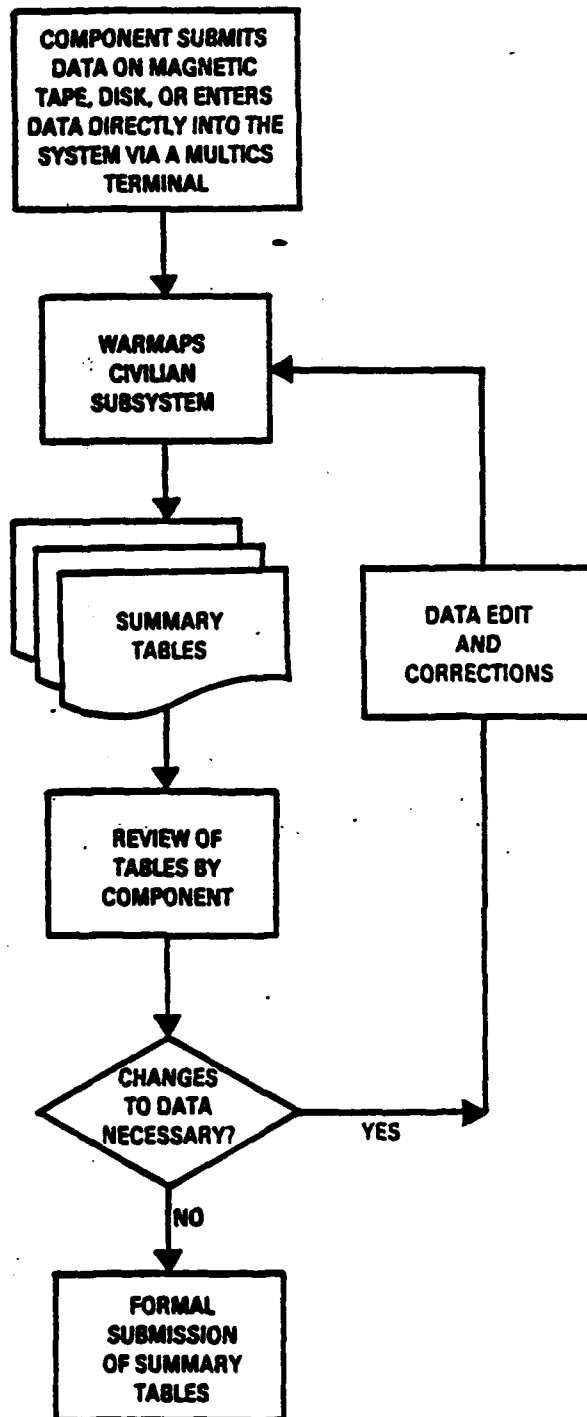
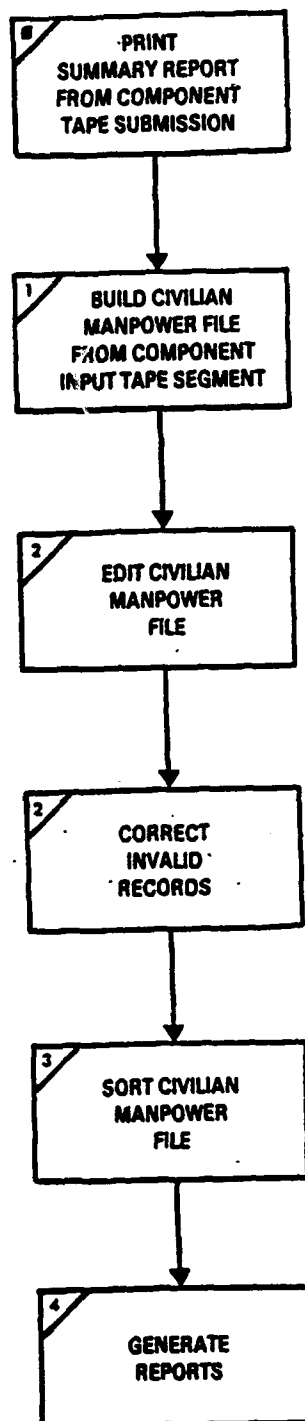


Figure A-3. WARMAPS: Overall Civilian Manpower Processing Cycle



NOTE:

Numbered boxes correspond to menu items in Figure H-2

Figure A-4. WARMAPS: Civilian ADP Subsystem

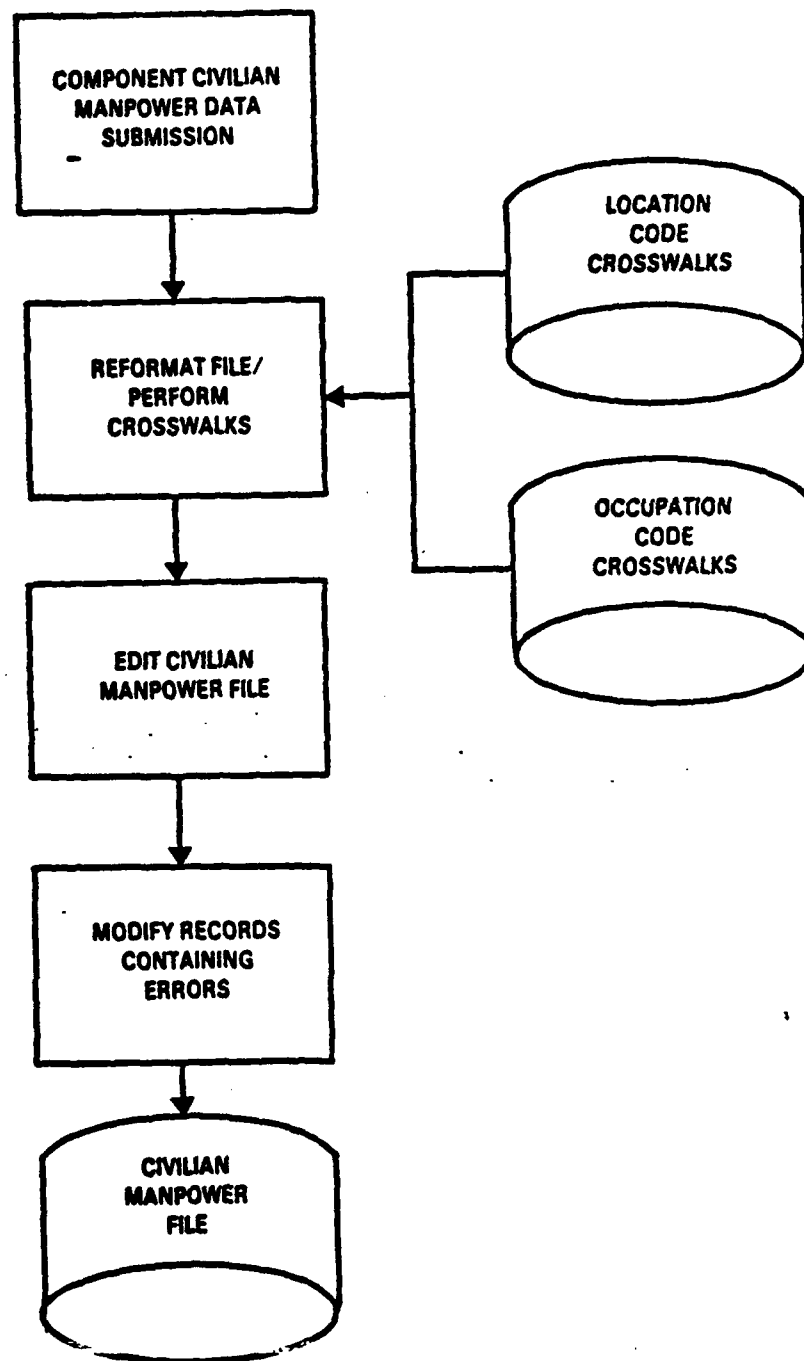


Figure A-5. WAREMAPS: Civilian Manpower Data Base Construction

APPENDIX B
WARMAPS: SYSTEM PERFORMANCE (MULTICS)

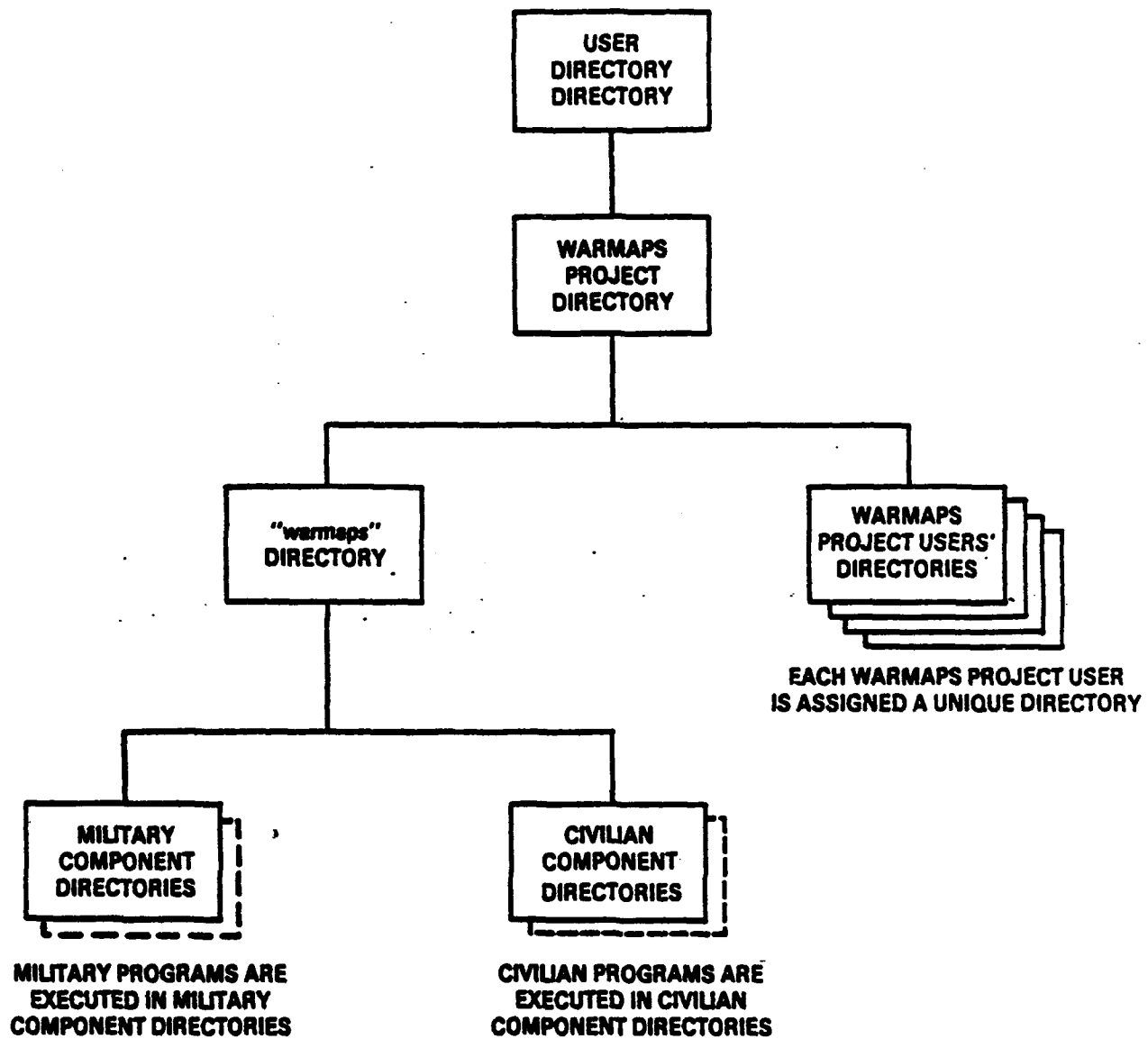


Figure B-1. WARMAPS: MULTICS Hierarchy of WARMAPS Directories

USER DESIRED ACTION

COMMAND

- | | |
|---|---|
| <ol style="list-style-type: none"> 1. To log into the system - 2. To get into the warmaps directory to process WARMAPS data - 3. To list the available military manpower data bases - 4. To list the available civilian manpower data bases - 5. To cancel the line you are currently typing - 6. To cancel the previous character typed - 7. To execute the WARMAPS software and enter the initial menu (Figure E-1) 8. To print a military report on the printer located in room 2D279. (This uses the system default to classify the report SECRET). 9. To print a civilian report on the printer located in room 2D279. (This specifies an UNCLASSIFIED report). | <ol style="list-style-type: none"> 1. login user_id For instance, if your user_id were Sinkfield, you would type "login Sinkfield" and the system will prompt you for your password. 2. cwd >udd>WARMAPS>warmaps 3. ls*.pom 4. ls*.civ 5. @ 6. # 7. warmaps 8. rlp -q 3 report name 9. rlp -q 3 -c u report name |
|---|---|

Figure B-2. MULTICS User Commands

APPENDIX C

MILITARY MANPOWER SUBSYSTEM: SAMPLE REPORTS

TABLE B - FORCE STRUCTURE DYNAMICS (DEMAND)
SERVICE FORM 99
THEATER

| | PRE-2-DAY ACTIVE GUARD RES IMA | 3-DAY ACTIVE GUARD RES | M-DAY ACTIVE GUARD RES | M+10 | M+20 | M+30 | M+40 | M+50 | M+60 | M+90 | M+120 | M+150 | M+180 |
|----------------------------------|-----------------------------------|---------------------------|---------------------------|------|------|------|------|------|------|------|-------|-------|-------|
| MANPOWER AUTHORIZED 14 UNITS | | | | | | | | | | | | | |
| Total Officers | | | | | | | | | | | | | |
| Total Enlisted | | | | | | | | | | | | | |
| Total Manpower | | | | | | | | | | | | | |
| ADDITIONAL MANPOWER REQUIRED | | | | | | | | | | | | | |
| Total Officers | | | | | | | | | | | | | |
| Total Enlisted | | | | | | | | | | | | | |
| Total Manpower | | | | | | | | | | | | | |
| MANPOWER FROM INACTIVATED UNITS | | | | | | | | | | | | | |
| Total Officers | | | | | | | | | | | | | |
| Total Enlisted | | | | | | | | | | | | | |
| Total Manpower | | | | | | | | | | | | | |
| MANPOWER FROM REDUCED UNITS | | | | | | | | | | | | | |
| Total Officers | | | | | | | | | | | | | |
| Total Enlisted | | | | | | | | | | | | | |
| Total Manpower | | | | | | | | | | | | | |
| REDUCTIONS DUE TO LOST EQUIPMENT | | | | | | | | | | | | | |
| Total Officers | | | | | | | | | | | | | |
| Total Enlisted | | | | | | | | | | | | | |
| Total Manpower | | | | | | | | | | | | | |
| MILITARY REPLACED BY CIVILIANS | | | | | | | | | | | | | |
| Total Officers | | | | | | | | | | | | | |
| Total Enlisted | | | | | | | | | | | | | |
| Total Manpower | | | | | | | | | | | | | |
| CIVILIANS REPLACED BY MILITARY | | | | | | | | | | | | | |
| Total Officers | | | | | | | | | | | | | |
| Total Enlisted | | | | | | | | | | | | | |
| Total Manpower | | | | | | | | | | | | | |

Figure C-1. Table B - Force Structure Dynamics (Demand)

TABLE B - FORCE STRUCTURE DYNAMICS (DEMAND)
SERVICE FORM 99
THEATER

| | -----PRE-8-DAY----- | -----8-DAY----- | -----M-DAY----- | |
|---------------------------------|----------------------|------------------|------------------|--|
| | ACTIVE GUARD RES INA | ACTIVE GUARD RES | ACTIVE GUARD RES | M+10 M+20 M+30 M+40 M+50 M+60 M+90 M+120 M+150 M+180 |
| MANPOWER FOR UNMANNED UNITS | | | | |
| Total Officers | | | | |
| Total Enlisted | | | | |
| Total Manpower | | | | |
| TRANSFERS OUT OF THEATER | | | | |
| Total Officers | | | | |
| Total Enlisted | | | | |
| Total Manpower | | | | |
| FORCE STRUCTURE ALLIANCE (COM) | | | | |
| Total Officers | | | | |
| Total Enlisted | | | | |
| Total Manpower | | | | |
| MANPOWER MOBILIZATION INCREMENT | | | | |
| Total Officers | | | | |
| Total Enlisted | | | | |
| Total Manpower | | | | |

Figure C-1 (Cont.). Table B - Force Structure Dynamics (Demand)

TABLE C - REPLACEMENT DYNAMICS (DEMAND)
SERVICE POM 99
THEATER

| | M-DAY | M+10 | M+20 | M+30 | M+40 | M+50 | M+60 | M+90 | M+120 | M+150 | M+180 |
|---|-------|------|------|------|------|------|------|------|-------|-------|-------|
| KCHIA | | | | | | | | | | | |
| Total Officers | | | | | | | | | | | |
| Total Enlisted | | | | | | | | | | | |
| Total Manpower | | | | | | | | | | | |
| VIA ADMISSIONS | | | | | | | | | | | |
| Total Officers | | | | | | | | | | | |
| Total Enlisted | | | | | | | | | | | |
| Total Manpower | | | | | | | | | | | |
| DEPARTURES | | | | | | | | | | | |
| Total Officers | | | | | | | | | | | |
| Total Enlisted | | | | | | | | | | | |
| Total Manpower | | | | | | | | | | | |
| RETURNS FROM PATIENTS | | | | | | | | | | | |
| Total Officers | | | | | | | | | | | |
| Total Enlisted | | | | | | | | | | | |
| Total Manpower | | | | | | | | | | | |
| RETURNS FROM DESERTERS AND MIA'S | | | | | | | | | | | |
| Total Officers | | | | | | | | | | | |
| Total Enlisted | | | | | | | | | | | |
| Total Manpower | | | | | | | | | | | |
| PATIENTS REMAINING (see-add) | | | | | | | | | | | |
| Total Officers | | | | | | | | | | | |
| Total Enlisted | | | | | | | | | | | |
| Total Manpower | | | | | | | | | | | |

Figure C-2. Table C - Replacement Dynamics (Demand)

TABLE C - REPLACEMENT DYNAMICS (DEMAND)
SERVICE POM 99
THEATER

M-DAY M+10 M+20 M+30 M+40 M+50 M+60 M+90 M+120 M+150 M+180

PATIENTS EVACUATED (non-add)

Total Officers
Total Enlisted
Total Manpower

DIED & WOUNDS (non-add)

Total Officers
Total Enlisted
Total Manpower

MEDICAL DISCHARGES (non-add)

Total Officers
Total Enlisted
Total Manpower

REPLACEMENT DEMAND

Total Officers
Total Enlisted
Total Manpower

REPLACEMENT DEMAND (adjusted for transient time)

Total Officers
Total Enlisted
Total Manpower

Figure C-2 (Cont.). Table C - Replacement Dynamics (Demand)

TABLE H - STRUCTURE STRENGTHS (SUPPLY)
SERVICE POM 99

| | PRE-3-DAY | 5-DAY | M-DAY | ACTIVE | GUARD | RES | M+10 | M+20 | M+30 | M+40 | M+50 | M+60 | M+90 | M+120 | M+150 | M+180 |
|---|-----------|-------|-------|--------|-------|-----|------|------|------|------|------|------|------|-------|-------|-------|
| ACTIVE GUARD RES IMA | | | | | | | | | | | | | | | | |
| FORCE STRUCTURE ALLOCANCES - ACTIVE | | | | | | | | | | | | | | | | |
| Total Officers | | | | | | | | | | | | | | | | |
| Total Enlisted | | | | | | | | | | | | | | | | |
| Total Manpower | | | | | | | | | | | | | | | | |
| FORCE STRUCTURE DEVIATION - ACTIVE | | | | | | | | | | | | | | | | |
| Total Officers | | | | | | | | | | | | | | | | |
| Total Enlisted | | | | | | | | | | | | | | | | |
| Total Manpower | | | | | | | | | | | | | | | | |
| MANPOWER TO BE TRAINED | | | | | | | | | | | | | | | | |
| Total Officers | | | | | | | | | | | | | | | | |
| Total Enlisted | | | | | | | | | | | | | | | | |
| Total Manpower | | | | | | | | | | | | | | | | |
| FORCE STRUCTURE ALLOCANCES - SELECTED RESERVE | | | | | | | | | | | | | | | | |
| Total Officers | | | | | | | | | | | | | | | | |
| Total Enlisted | | | | | | | | | | | | | | | | |
| Total Manpower | | | | | | | | | | | | | | | | |
| FORCE STRUCTURE DEVIATION - SELECTED RESERVE | | | | | | | | | | | | | | | | |
| Total Officers | | | | | | | | | | | | | | | | |
| Total Enlisted | | | | | | | | | | | | | | | | |
| Total Manpower | | | | | | | | | | | | | | | | |
| 200K CALL UP | | | | | | | | | | | | | | | | |
| Total Officers | | | | | | | | | | | | | | | | |
| Total Enlisted | | | | | | | | | | | | | | | | |
| Total Manpower | | | | | | | | | | | | | | | | |
| PARTIAL MOBILIZATION CALL UP | | | | | | | | | | | | | | | | |
| Total Officers | | | | | | | | | | | | | | | | |
| Total Enlisted | | | | | | | | | | | | | | | | |
| Total Manpower | | | | | | | | | | | | | | | | |

Figure C-3. Table H - Structure Strengths (Supply)

TABLE H - STRUCTURE STRENGTHS (SUPPLY)
SERVICE POM 99

| | PRE-S-DAY | ACTIVE | GUARD | RES | INA | S-DAY | ACTIVE | GUARD | RES | INA | N-DAY | ACTIVE | GUARD | RES | M+10 | M+20 | M+30 | M+40 | M+50 | M+60 | M+90 | M+120 | M+150 | M+180 |
|---|-----------|--------|-------|-----|-----|-------|--------|-------|-----|-----|-------|--------|-------|-----|------|------|------|------|------|------|------|-------|-------|-------|
| TRAINING | | | | | | | | | | | | | | | | | | | | | | | | |
| AC | | | | | | | | | | | | | | | | | | | | | | | | |
| IVE | | | | | | | | | | | | | | | | | | | | | | | | |
| GUARD | | | | | | | | | | | | | | | | | | | | | | | | |
| RES | | | | | | | | | | | | | | | | | | | | | | | | |
| INA | | | | | | | | | | | | | | | | | | | | | | | | |
| MANPOWER | | | | | | | | | | | | | | | | | | | | | | | | |
| NO-SHOWS | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL OFFICERS | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL ENLISTED | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL MANPOWER | | | | | | | | | | | | | | | | | | | | | | | | |
| NO-SHOWS | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL OFFICERS | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL ENLISTED | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL MANPOWER | | | | | | | | | | | | | | | | | | | | | | | | |
| TRAINING (NON-UNIT) INDIVIDUALS | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL OFFICERS | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL ENLISTED | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL MANPOWER | | | | | | | | | | | | | | | | | | | | | | | | |
| FORCE STRUCTURE STRENGTH - ACTIVE | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL OFFICERS | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL ENLISTED | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL MANPOWER | | | | | | | | | | | | | | | | | | | | | | | | |
| FORCE STRUCTURE STRENGTH - SELECTED RESERVE | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL OFFICERS | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL ENLISTED | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL MANPOWER | | | | | | | | | | | | | | | | | | | | | | | | |
| TRAINING (NON-UNIT) INDIVIDUALS (CUM) | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL OFFICERS | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL ENLISTED | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL MANPOWER | | | | | | | | | | | | | | | | | | | | | | | | |

Figure C-3 (Cont.). Table H - Structure Strengths (Supply)

TABLE J - TRAINING DYNAMICS (SUPPLY)
SERVICE POM. 99

| | PRE-3-DAY ACTIVE | GUARD RES | N-DAY ACTIVE | M+10 | M+20 | M+30 | M+40 | M+50 | M+60 | M+90 | M+120 | M+150 | M+180 |
|---|---------------------|-----------|-----------------|------|------|------|------|------|------|------|-------|-------|-------|
| TRAINERS AT STATION | | | | | | | | | | | | | |
| Total Officers | | | | | | | | | | | | | |
| Total Enlisted | | | | | | | | | | | | | |
| Total Manpower | | | | | | | | | | | | | |
| NON PRIOR SERVICE (NPS) ACCESSIONS | | | | | | | | | | | | | |
| Total Officers | | | | | | | | | | | | | |
| Total Enlisted | | | | | | | | | | | | | |
| Total Manpower | | | | | | | | | | | | | |
| NON PRIOR SERVICE (NPS) ACCESSIONS SELECTED RESERVE | | | | | | | | | | | | | |
| Total Officers | | | | | | | | | | | | | |
| Total Enlisted | | | | | | | | | | | | | |
| Total Manpower | | | | | | | | | | | | | |
| CURRENT SERVICE (CS) ACCESSIONS | | | | | | | | | | | | | |
| Total Officers | | | | | | | | | | | | | |
| Total Enlisted | | | | | | | | | | | | | |
| Total Manpower | | | | | | | | | | | | | |
| PRIOR SERVICE ACCESSIONS - (INC) | | | | | | | | | | | | | |
| Total Officers | | | | | | | | | | | | | |
| Total Enlisted | | | | | | | | | | | | | |
| Total Manpower | | | | | | | | | | | | | |
| PRIOR SERVICE ACCESSIONS - (IRR) | | | | | | | | | | | | | |
| Total Officers | | | | | | | | | | | | | |
| Total Enlisted | | | | | | | | | | | | | |
| Total Manpower | | | | | | | | | | | | | |
| PRIOR SERVICE ACCESSIONS - (MID) | | | | | | | | | | | | | |
| Total Officers | | | | | | | | | | | | | |
| Total Enlisted | | | | | | | | | | | | | |
| Total Manpower | | | | | | | | | | | | | |

Figure C-4. Table J - Training Dynamics (Supply)

TABLE J - TRAINING DYNAMICS (SUPPLY)
SERVICE FORM 99

| | PRE-8-DAY | | 4-DAY | | | | | | | | | | | |
|--|-----------|-----------|--------|--|------|------|------|------|------|------|------|-------|-------|-------|
| | ACTIVE | GUARD RES | ACTIVE | | M+10 | M+20 | M+30 | M+40 | M+50 | M+60 | M+90 | M+120 | M+150 | M+180 |

PRIOR SERVICE ACCESSIONS - (SER)

Total Officers:
Total Enlisted:
Total Manpower:

PRIOR SERVICE ACCESSIONS - (VOL)

Total Officers:
Total Enlisted:
Total Manpower:

TRAINING ATTRITION

Total Officers:
Total Enlisted:
Total Manpower:

TRAINING OUTPUT (MPS)

Total Officers:
Total Enlisted:
Total Manpower:

TRAINING OUTPUT (CS)

Total Officers:
Total Enlisted:
Total Manpower:

TRAINING OUTPUT (ING)

Total Officers:
Total Enlisted:
Total Manpower:

TRAINING OUTPUT (IER)

Total Officers:
Total Enlisted:
Total Manpower:

Figure C-4 (Cont.). Table J - Training Dynamics (Supply)

TABLE J - TRAINING DYNAMICS (SUPPLY)

SERVICE FORM 99

| PRE-8-DAY | | M-DAY | | | | | | | | | | |
|-----------|-----------|--------|------|------|------|------|------|------|-------|-------|-------|--|
| ACTIVE | GUARD RES | ACTIVE | | | | | | | | | | |
| | | M+10 | M+20 | M+30 | M+40 | M+50 | M+60 | M+90 | M+120 | M+150 | M+180 | |

TRAINING OUTPUT (RTO)

Total Officers
Total Enlisted
Total Manpower

TRAINING OUTPUT (ARR)

Total Officers
Total Enlisted
Total Manpower

TRAINING OUTPUT (VOL)

Total Officers
Total Enlisted
Total Manpower

TRAINERS AT RTO

Total Officers
Total Enlisted
Total Manpower

TRAINERS INCREASING INITIAL CHANGE

Total Officers
Total Enlisted
Total Manpower

Figure C-4 (Cont.). Table J - Training Dynamics (Supply)

TABLE K - PRETRAINED INDIVIDUALS (SUPPLY)
SERVICE POM 99

| | PRE-S-DAY-- GUARD RES | S-DAY-- GUARD RES | M-DAY-- GUARD RES | M+10 | M+20 | M+30 | M+40 | M+50 | M+60 | M+90 | M+120 | M+150 | M+180 |
|---------------------------------|--------------------------|----------------------|----------------------|------|------|------|------|------|------|------|-------|-------|-------|
| INACTIVE NATIONAL GUARD (ING) | | | | | | | | | | | | | |
| Total Officers | | | | | | | | | | | | | |
| Total Enlisted | | | | | | | | | | | | | |
| Total Manpower | | | | | | | | | | | | | |
| INDIVIDUAL READY TO SERVE (IRR) | | | | | | | | | | | | | |
| Total Officers | | | | | | | | | | | | | |
| Total Enlisted | | | | | | | | | | | | | |
| Total Manpower | | | | | | | | | | | | | |
| RETIRED PERSONNEL | | | | | | | | | | | | | |
| Total Officers | | | | | | | | | | | | | |
| Total Enlisted | | | | | | | | | | | | | |
| Total Manpower | | | | | | | | | | | | | |
| STANDBY RESERVE | | | | | | | | | | | | | |
| Total Officers | | | | | | | | | | | | | |
| Total Enlisted | | | | | | | | | | | | | |
| Total Manpower | | | | | | | | | | | | | |
| VOLUNTEER VETERANS | | | | | | | | | | | | | |
| Total Officers | | | | | | | | | | | | | |
| Total Enlisted | | | | | | | | | | | | | |
| Total Manpower | | | | | | | | | | | | | |
| PRETRAINED INDIVIDUAL SUPPLY | | | | | | | | | | | | | |
| Total Officers | | | | | | | | | | | | | |
| Total Enlisted | | | | | | | | | | | | | |
| Total Manpower | | | | | | | | | | | | | |

Figure C-5. Table K - Pretrained Individuals (Supply)

TABLE S1 - MANPOWER DEMAND
SERVICE POM 99
TOTAL MANPOWER
(CUMULATIVE)

| PRE-S 8-DAY M-DAY | M+10 | M+20 | M+30 | M+40 | M+50 | M+60 | M+90 | M+120 | M+150 | M+180 |
|-------------------|------|------|------|------|------|------|------|-------|-------|-------|
|-------------------|------|------|------|------|------|------|------|-------|-------|-------|

FORCE STRUCTURE ALLOWANCES

Active
Guard
Reserve
IMA
THEATER
Europe
Northeast Asia
Southeast Asia
NON-THEATER
U.S.
Active
Guard
Reserve
IMA
U.S. DEPLOYING
Active
Guard
Reserve
IMA
U.S. NON-DEPLOYING
Active
Guard
Reserve
IMA
NON
Active
Guard
Reserve
IMA

Figure C-6. Table S1 - Manpower Demand

TABLE S1 - MANPOWER DEMAND
SERVICE FOR 99
TOTAL MANPOWER
(CUMULATIVE)

| | PRE-S 3-DAY M-DAY | M+10 | M+20 | M+30 | M+40 | M+50 | M+60 | M+90 | M+120 | M+150 | M+180 |
|---------------------------------|-------------------|------|------|------|------|------|------|------|-------|-------|-------|
| REPLACEMENT DEMAND | | | | | | | | | | | |
| THEATRE (adj) | | | | | | | | | | | |
| THEATRE | | | | | | | | | | | |
| GROSS CASUALTIES | | | | | | | | | | | |
| GROSS RETURNS | | | | | | | | | | | |
| Europe (adj) | | | | | | | | | | | |
| Europe | | | | | | | | | | | |
| Gross Casualties | | | | | | | | | | | |
| Gross Returns | | | | | | | | | | | |
| Northwest Asia (adj) | | | | | | | | | | | |
| Northwest Asia | | | | | | | | | | | |
| Gross Casualties | | | | | | | | | | | |
| Gross Returns | | | | | | | | | | | |
| Southwest Asia (adj) | | | | | | | | | | | |
| Southwest Asia | | | | | | | | | | | |
| Gross Casualties | | | | | | | | | | | |
| Gross Returns | | | | | | | | | | | |
| NON-THEATRE | | | | | | | | | | | |
| U.S. | | | | | | | | | | | |
| Gross Casualties | | | | | | | | | | | |
| Gross Returns | | | | | | | | | | | |
| U.S. | | | | | | | | | | | |
| Gross Casualties | | | | | | | | | | | |
| Gross Returns | | | | | | | | | | | |
| FORCE STRUCTURE DEMAND | | | | | | | | | | | |
| TRAINING (non-unit) INDIVIDUALS | | | | | | | | | | | |
| Transients, Holders, Students | | | | | | | | | | | |
| Partners | | | | | | | | | | | |
| TRAINED MANPOWER DEMAND | | | | | | | | | | | |
| TRAINING | | | | | | | | | | | |
| Active | | | | | | | | | | | |
| Guard | | | | | | | | | | | |
| Reserve | | | | | | | | | | | |
| TOTAL MANPOWER DEMAND | | | | | | | | | | | |

Figure C-6 (Cont.). Table S1 - Manpower Demand

TABLE S2 - MANPOWER SUPPLY
SERVICE POM 99
TOTAL MANPOWER
(CUMULATIVE)

| PRE-2 8-DAY 14-DAY | M+10 | M+20 | M+30 | M+40 | M+50 | M+60 | M+90 | M+120 | M+150 | M+180 |
|--------------------|------|------|------|------|------|------|------|-------|-------|-------|
|--------------------|------|------|------|------|------|------|------|-------|-------|-------|

FORCE STRUCTURE DEMAND

FORCE STRUCTURE YIELD

Active
Guard
Reserve
IMA

TRAINING INPUT (CS)

TRAINING OUTPUT

PERTAINING INDIVIDUALS

Inactiv, National Guard
Individual Ready Reserve
Retired Personnel
Standby Reserve
Volunteer Veterans

THE RETURNS

FORCE STRUCTURE SUPPLY

FORCE STRUCTURE OVER/SHORT

TRAINED MANPOWER DEMAND

Force Structure Supply
Trained (one-unit) Individuals

TRAINED MANPOWER SUPPLY

TRAINED MANPOWER OVER/SHORT

TOTAL MANPOWER DEMAND

Trained Manpower Supply
Trainees

TOTAL MANPOWER SUPPLY

TOTAL MANPOWER OVER/SHORT

Figure C-7. Table S2 - Manpower Supply

TABLE S3 - MANPOWER SHORTFALL
SERVICE POM 99
TOTAL MANPOWER
(CUMULATIVE)

| PRE-S S-DAY M-DAY | M+10 | M+20 | M+30 | M+40 | M+50 | M+60 | M+90 | M+120 | M+150 | M+180 |
|-------------------|------|------|------|------|------|------|------|-------|-------|-------|
|-------------------|------|------|------|------|------|------|------|-------|-------|-------|

FORCE STRUCTURE DEMAND

Active
Guard
Reserve
IMA

THEATER

Europe
Northeast Asia
Southwest Asia

NON-THEATER

U.S.
ROW

FORCE STRUCTURE DEMAND

FORCE STRUCTURE FIELD

Active
Guard
Reserve
IMA

LOSSES

CASUALTIES

THEATER (adj)
Europe (adj)
Northeast Asia (adj)
Southwest Asia (adj)
NON-THEATER
U.S.
ROW

TO TRAINING

TO THS

Figure C-8. Table S3 - Manpower Supply

TABLE S3 - MANPOWER SHORTFALL
SERVICE FOR 99
TOTAL MANPOWER
(CUMULATIVE)

| | PRE-8 8-DAY M-DAY | M+10 M+20 M+30 M+40 M+50 M+60 M+90 M+120 M+150 M+180 |
|--------------------------------|-------------------|--|
| GAINS | | |
| FROM PATIENTS | | |
| FROM TRAINING | | |
| FROM TBS | | |
| PRETRAINED INDIVIDUALS | | |
| Inactive National Guard | | |
| Individual Ready Reserve | | |
| Retired Personnel | | |
| Standby Reserve | | |
| Volunteer Veteran | | |
| FORCE STRUCTURE SUPPLY | | |
| FORCE STRUCTURE OVER/SHORT | | |
| TRAINED MANPOWER DEMAND | | |
| TRAINED MANPOWER SUPPLY | | |
| Force Structure Supply | | |
| Trained (non-unit) Individuals | | |
| TRAINED MANPOWER OVER/SHORT | | |
| TOTAL MANPOWER DEMAND | | |
| TOTAL MANPOWER SUPPLY | | |
| Trained Manpower Supply | | |
| Trainees | | |
| TOTAL MANPOWER OVER/SHORT | | |

Figure C-8 (Cont.). Table S3 - Manpower Supply

APPENDIX D
MILITARY MANPOWER SUBSYSTEM: ERROR REPORT

MILITARY MANPOWER PLANNING SUBSYSTEM
ERROR REPORT

Page 1

sample.errors.mil

| RECORD NUMBER | IDENTIFICATION ATTRIBUTES | ERROR DESCRIPTION | ERRONEOUS VALUE |
|---------------|--|-----------------------|-----------------|
| 2 | Year = "38" Table = "B" Component = "N" Theater = "D" Spec = "2" Category = "01" Type = "E" | Invalid Year | "38" |
| 7 | Year = "66" Table = "B" Component = "J" Theater = "E" Spec = "2" Category = "02" Type = "O" | Invalid Component | "J" |
| 24 | Year = "66" Table = "B" Component = "N" Theater = "R" Spec = "2" Category = "01" Type = "Y" | Invalid Manpower Type | "Y" |
| 56 | Year = "66" Table = "G" Component = "N" Theater = "K" Spec = "2" Category = "10" Type = "E" | Invalid Table | "G" |
| 72 | Year = "66" Table = "C" Component = "D" Theater = "3" Spec = "2" Category = "03" Type = "E" | Invalid Component | "D" |
| 77 | Year = "67" Table = "C" Component = "N" Theater = "3" Spec = "2" Category = "10" Type = "O" | Invalid Year | "67" |

Figure D-1. Military Manpower Planning Subsystem Error Report

APPENDIX E

MILITARY MANPOWER SUBSYSTEM: TERMINAL DISPLAYS

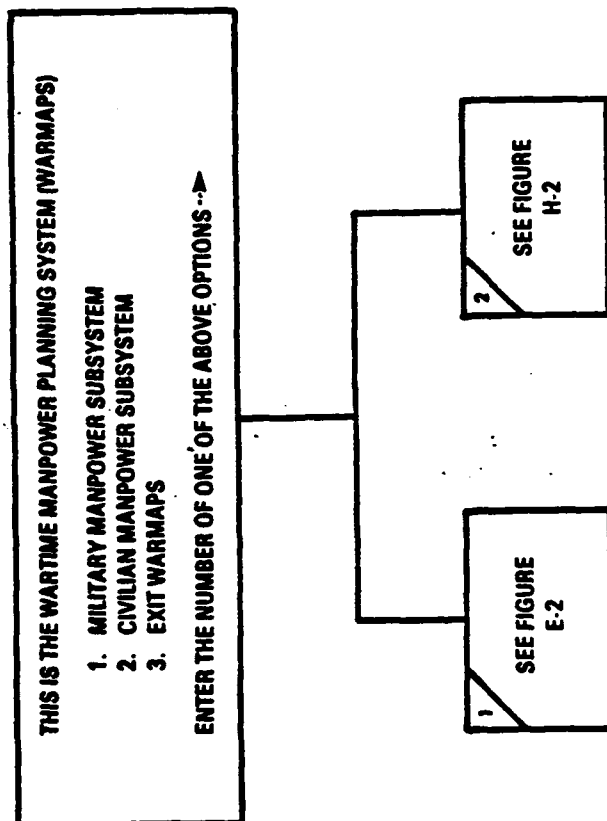


Figure E-1. Wartime Manpower Planning System (WARMAPS)

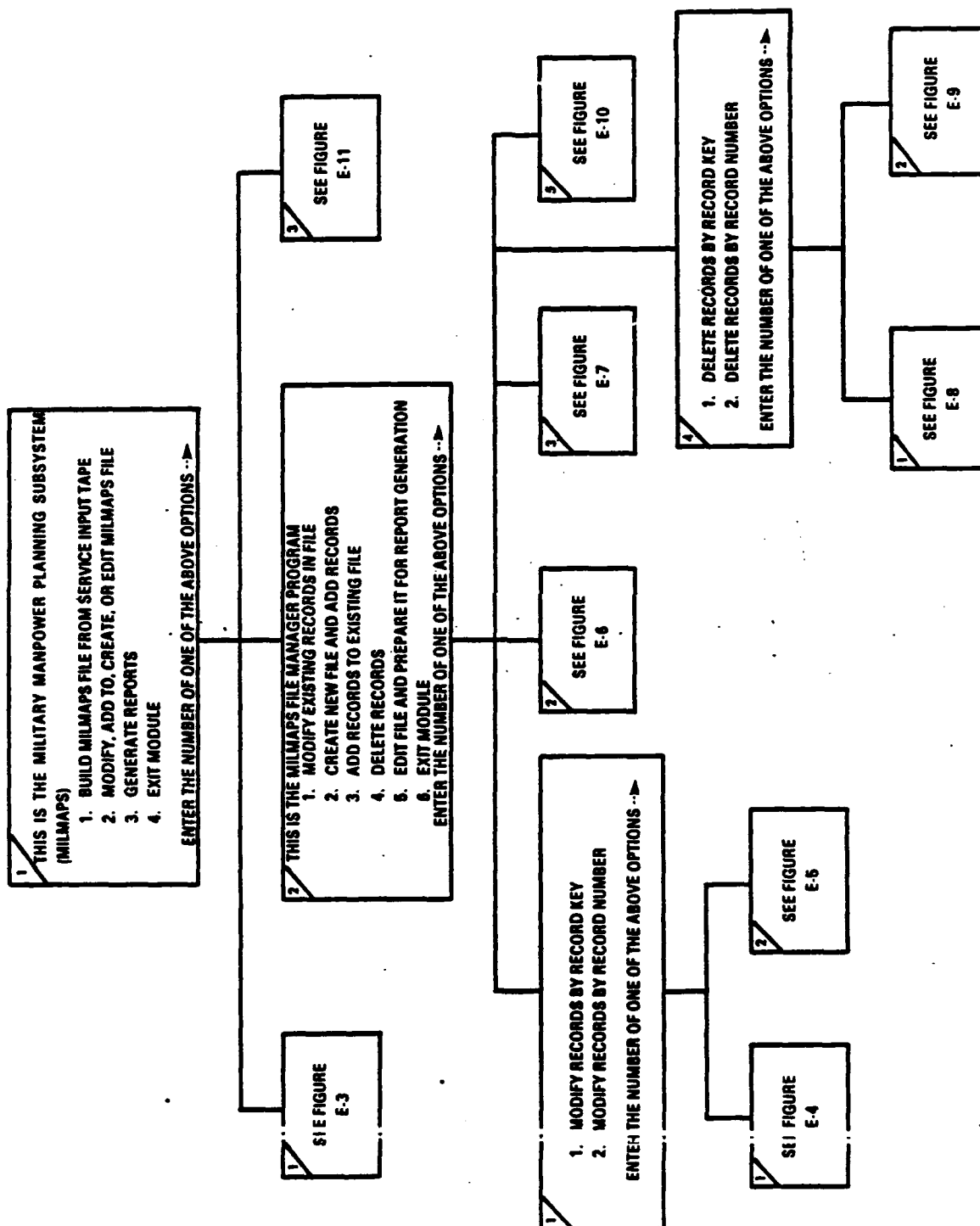


Figure E-2. Military Manpower Planning Subsystem

| TERMINAL DISPLAY | USER RESPONSE/EXPLANATION |
|---|---|
| This is the MILMAPS File Building Program | |
| 1. Enter name of input file - | 1. Enter file name. |
| 2. Enter name of MILMAPS file to be created - | 2. Self-explanatory. |
| | After the MILMAPS file has been built, the number of record read into the file will be displayed. |

Figure E-3. Build MILMAPS File

TERMINAL DISPLAY

USER RESPONSE/EXPLANATION

This is the MILMAPS Modify Records Program

1. Do you want the records to be displayed on the screen before you modify them?
 1. "y" (yes) or "n" (no)

New users should always respond "y" to question 1 so they may learn the abbreviations. See #8 below.
 2. Enter last two digits of year or "next" for next record or "q" (quit) to exit module.
 3. Enter "a" for Army, "n" for Navy, "m" for Marines, "f" for Air Force, or "g" for Coast Guard.
 4. Enter letter of table as defined in DoD 1100.19-H.
 5. Enter one-character code for theater. These codes are defined in DoD 1100.19-H.
 6. Enter numeric code for manpower category. These codes are defined in DoD 1100.19-H.
 7. Enter alphanumeric code for manpower type. These codes are defined in DoD 1100.19-H.

At this time, if question 1 was answered "y" (yes), the complete record is displayed.
 8. Enter field name(s). The MILMAN modify records program uses the abbreviated field names that appear in the record displays shown on the terminal and in Figure E-12.

At this time, you will be prompted to input each field modification.

Figure E-4. Modify MILMAPS Records by Record Key

| TERMINAL DISPLAY | USER RESPONSE/EXPLANATION |
|------------------|---------------------------|
|------------------|---------------------------|

This is the MILMAPS Modify Records Program

- | | |
|--|---|
| 1. Do you want the records to be displayed on the screen before you modify them? | 1. "y" (yes) or "n" (no) |
| 2. Enter record number, or 0 to quit. | 2. Self-explanatory. |
| 3. Enter name(s) of field(s) that you wish to modify. | <p>At this time, if question 1 was answered "y" (yes), the complete record is displayed.</p> <p>3. Enter field name(s). Abbreviated field names are used. Enter "y" (yes) in response 1 to learn field name abbreviations or see Figure E-12.</p> |

At this time, you will be prompted to input each field modification.

Figure E-5. Modify MILMAPS Records by Record Number

TERMINAL DISPLAY

This is the MILMAPS File Creation Program

1. Enter name of new file--

1. Enter a file name. MILMAPS files should always be provided with a name that ends in ".pom".

At this time, the number of records already on this file is displayed. There should be 0 records on this new file, otherwise, you will be adding to an existing file.

2. Enter year, or "quit"--

2. Enter last two digits of year or "q" (quit) to exit module.

3. Enter component--

3. Enter "a" for Army, "n" for Navy, "f" for Air Force, "m" for Marines, or "g" for Coast Guard.

4. Enter table--

4. Enter character code for table. These codes are defined in DoD 1100.19-H.

5. Enter theater--

5. Enter character code for theater. These codes are defined in DoD 1100.19-H.

6. Enter manpower category--

6. Enter numeric code for manpower category. These codes are defined in DoD 1100.19-H.

7. Enter manpower type--

7. Enter alphanumeric code for manpower type. These codes are defined in DoD 1100.19-H.

Figure E-6. Create MILMAPS File

TERMINAL DISPLAY

USER RESPONSE/EXPLANATION

This is the MILMAPS File Creation Program

8. Enter pr-s-act--
 9. Enter pr-s-grd--
 10. Enter pr-s-res--
 11. Enter pr-s-ima--
 12. Enter s-act --
 13. Enter s-grd --
 14. Enter s-res --
 15. Enter s-ima --
 16. Enter m-act --
 17. Enter m-grd --
 18. Enter m-res --
 19. Enter m+0 --
 20. Enter m+10 --
 21. Enter m+10 --
 22. Enter m+10 --
 23. Enter m+10 --
 24. Enter m+10 --
 25. Enter m+10 --
 26. Enter m+120 --
 27. Enter m+150 --
 28. Enter m+180 --

8.-28. Enter time-phased data without the decimal point. Enter 0 if no data are given.

Figure E-6 (Cont.). Create MILMAPS File

TERMINAL DISPLAY

This is the MILMAPS Add Records Program

1. Enter name of file--

At this time, the number of records already in this file is displayed.

2. Enter year--

2. Enter last two digits of year or "q" (quit) to exit module.

3. Enter component--

3. Enter "a" for Army, "n" for Navy, "f" for Air Force, "m" for Marines, or "g" for Coast Guard.

4. Enter table--

4. Enter character code for table. These codes are defined in DoD 1100.19-H.

5. Enter theater--

5. Enter character code for theater. These codes are defined in DoD 1100.19-H.

6. Enter m1wr category--

6. Enter numeric code for manpower category. These codes are defined in DoD 1100.19-H.

7. Enter m1wr type--

7. Enter alphanumeric code for manpower type. These codes are defined in DoD 1100.19-H.

USER RESPONSE/EXPLANATION

1. Enter file name.

Figure E-7. Add MILMAPS Records

| TERMINAL DISPLAY | USER RESPONSE/EXPLANATION |
|---|---------------------------|
| This is the MILMAPS Add Records Program | |
| 8. Enter pr--s-act-- | |
| 9. Enter pr--s-grd-- | |
| 10. Enter pr--s-res-- | |
| 11. Enter pr--s-ima-- | |
| 12. Enter s-act -- | |
| 13. Enter s-grd -- | |
| 14. Enter s-res -- | |
| 15. Enter s-ima -- | |
| 16. Enter m-act -- | |
| 17. Enter m-grd -- | |
| 18. Enter m-res -- | |
| 19. Enter m+10 -- | |
| 20. Enter m+20 -- | |
| 21. Enter m+30 -- | |
| 22. Enter m+40 -- | |
| 23. Enter m+50 -- | |
| 24. Enter m+50 -- | |
| 25. Enter m+30 -- | |
| 26. Enter m+120 -- | |
| 27. Enter m+150 -- | |
| 28. Enter m+180 -- | |

8.-28. Enter time-phased data without the decimal point. Enter 0 if no data are given.

Figure E-7 (Cont.). Add MILMAPS Records

TERMINAL DISPLAY

USER RESPONSE/EXPLANATION

This is the MILMAPS Deletion Program

- | | |
|--|--|
| 1. Do you want the records to be displayed on the screen before you delete them? | 1. "y" (yes) or "n" (no) |
| 2. Enter year--- | 2. Enter last two digits of year or "next" for next record or "q" (quit) to exit module. |
| 3. Enter component--- | 3. Enter "a" for Army, "n" for Navy, "f" for Air Force, "m" for Marines, or "g" for Coast Guard. |
| 4. Enter table--- | 4. Enter character code for table. These codes are defined in DoD 1100.19-H. |
| 5. Enter theater--- | 5. Enter character code for theater. These codes are defined in DoD 1100.19-H. |
| 6. Enter mpwr category--- | 6. Enter numeric code for manpower category. These codes are defined in DoD 1100.19-H. |
| 7. Enter mpwr type--- | 7. Enter alphanumeric code for manpower type. These codes are defined in DoD 1100.19-H. At this time, if question 1 was answered "y" (yes), the complete record is displayed. |
| 8. Do you still wish to delete this record? | 8. "y" (yes) or "n" (no) |

Figure E-8. Delete MILMAPS Records by Record Key

| TERMINAL DISPLAY | USER RESPONSE/EXPLANATION |
|--|---------------------------|
| This is the MILMAPS Deletion Program | |
| 1. Do you want the records to be displayed on the screen before you delete them? | 1. "y" (yes) or "n" (no) |
| 2. Enter record number or 0 to quit-- | 2. Self-explanatory. |
| 3. Do you still wish to delete this record? | 3. "y" (yes) or "n" (no) |

Figure E-9. Delete MILMAPS Records by Record Number

| TERMINAL DISPLAY | USER RESPONSE/EXPLANATION |
|---|--|
| This is the 4ILMAPS File Edit Program | |
| 1. Enter name of file-- | 1. Enter file name. |
| 2. Depress any key after viewing screen-- | <p>At this time, the number of records in error will be displayed. If no records are in error, the file is ready for report generation. If there are records in error, the error report may be printed in Room 2D279 by typing:</p> <p style="padding-left: 40px;">rlp -c u milmaps_error_report</p> <p>("rlp" means release for print; "-c u" means classification level is unclassified)</p> |
| 2. Self-explanatory. | |

Figure E-10. Edit MILMAPS Files

TERMINAL DISPLAY

USER RESPONSE/EXPLANATION

This is the MILMAPS Report Generator.

1. Enter name of file that reports are to be produce: from--
2. Please enter component code--
3. Please enter desired year (on years, separated by a comma)--
4. Please enter desired table codes (separated by commas) or "all"--
5. Do you want the S1 and S2 summary tables included in this report (y/n)?
6. Do you want the S3 summary table included in this report (y/n)?
7. Do you want internal consistency checks to be processed during this run (y/n)?
8. Do you want the report(s) printed in room 2D279 (y/n)?
9. How many copies would you like printed?

1. Enter file name.

2. Enter "a" for Army, "n" for Navy, "f" for Air Force, "m" for Marines or "g" for Coast Guard.

3. Enter the last two digits of the year or years desired.

4. Type in the letter or letters of tables desired, or "all" for all tables.

If "all" is not chosen, then questions 5 and 6 will not appear.

5. "y" or "n".

6. "y" or "n".

7. "y" or "n". If "y", consistency checks will be performed and error messages will be saved in a segment.

8. "y" or "n".

In either case an output segment is created. If "y", the report(s) are queued to the printer and can be picked up in about 15 min.

9. Enter number of copies you desire to be printed in room 2D279?

Figure E-11. MILMAPS Reports Generator

| TERMINAL DISPLAY | USER RESPONSE/EXPLANATION |
|-------------------------------------|--|
| Limit: 3 | |
| 10. Depress any key after viewing-- | There will be a pause while each report is generated. If printed copies were requested, printer queue information will be displayed. |
| 10. Self-explanatory. | |

Figure E-11 (Cont.). MILMAPS Reports Generator

| <u>MNEUMONIC</u> | <u>FIELD NAME</u> |
|------------------|--|
| year | Year |
| component | Component |
| spec | Demand/Requirement Specification |
| table | Table - Supply and Demand/Requirement Categories |
| theater | Theater |
| category | Manpower Category |
| type | Manpower Type |
| pre-s-act | Pre-S-Day - Active |
| pre-s-grd | Pre-S-Day - Guard |
| pre-s-res | Pre-S-Day - Reserve |
| pre-s-ima | Pre-S-Day - IMA |
| s-act | S-Day - Active |
| s-grd | S-Day - Guard |
| s-res | S-Day - Reserve |
| s-ima | S-Day - IMA |
| m-act | M-Day - Active |
| m-grd | M-Day - Guard |
| m-res | M-Day - Reserve |
| m+10 | M+10 |
| m+20 | M+20 |
| m+30 | M+30 |
| o | o |
| o | o |
| o | o |
| m+180 | M+180 |

Figure E-12. Military WARMAPS Field Name Mnemonics

APPENDIX F
CIVILIAN MANPOWER SUBSYSTEM: SAMPLE REPORTS

TABLE C1
WARTIME CIVILIAN MANPOWER DEMAND AND SUPPLY
COMPONENT: ARMY

| | PRE-M DAY | M-DAY | M+30 | M+60 | M+90 | M+120 | M+150 | M+180 |
|---------------------------------------|--------------|-------|------|------|------|-------|-------|-------|
| CIVILIAN MANPOWER DEMAND | | | | | | | | |
| POSITIONS AUTHORIZED | 536 | | | | | | | |
| POSITIONS CREATED | | 52 | | | | | | |
| POSITIONS TERMINATED/LAPSED | | 163 | | | | | | |
| TOTAL DEMAND | | 425 | 425 | 425 | 425 | 425 | 425 | 425 |
| CIVILIAN MANPOWER SUPPLY | | | | | | | | |
| ON HAND STRENGTH | 581 | | | | | | | |
| RESERVISTS/RETIRES RECALLED | | | | | | | | |
| TRANSFER GAINS | | | 5 | | | | | |
| TRANSFER LOSSES | | 15 | 133 | | | | | |
| TOTAL SUPPLY | | 546 | 418 | 418 | 418 | 418 | 418 | 418 |
| CIVILIAN MANPOWER OVER/SHORT (-) | | 121 | -7 | -7 | -7 | -7 | -7 | -7 |
| NEW SOURCES OF SUPPLY | | | | | | | | |
| MANPOWER TO CONVERT | | 15 | 128 | 128 | 128 | 128 | 128 | 128 |
| MANPOWER TO REASSIGN | | | | | | | | |
| MANPOWER TO UTILIZE (PT/1&T) | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| PRE-RECRUITED MANPOWER | | | | | | | | |
| MILITARY MANPOWER (TEMPORARY) | | | | | | | | |
| CONTRACTOR MANPOWER | | | | | | | | |
| WARTIME NET HIRES REQD (-) OR SURPLUS | | 137 | 122 | 122 | 122 | 122 | 122 | 122 |

UNCLASSIFIED SAMPLE DATA

Figure P-1. Table C1 - Wartime Civilian Manpower Demand and Supply

TABLE C2

WARTIME CIVILIAN MANPOWER DEMAND AND SUPPLY BY OCCUPATION
COMPONENT: ARMY

| OCCUPATION | DEMAND | SUPPLY | OVER/SHORT(-) |
|--|--------|--------|---------------|
| 0006 CORRECTIONAL INSTITUTION ADMINISTRATION | 2 | 2 | |
| 0301 MISCELLANEOUS ADMINISTRATION & PROGRAM | 3 | 3 | |
| 0350 EQUIPMENT OPERATOR | 5 | 5 | |
| 0610 NURSE | 3 | 3 | |
| 1601 GENERAL FACILITIES & EQUIPMENT | 6 | 6 | |
| 2501 MISC WIRE COMMO EQUIP INSTALL/MAINTAIN | 2 | 2 | |
| 2601 MISC ELECT EQUIP INSTALL/MAINTAIN | 1 | 1 | |
| 2604 ELECTRONICS MECHANIC | 2 | 2 | |
| 2854 ELECTRICAL EQUIPMENT REPAIRING | 1 | 1 | |
| 3105 FABRIC WORKING | 5 | 5 | |
| 3359 INSTRUMENT MECHANIC | 3 | 3 | |
| 3401 MISC MACHINE TOOL WORK | 5 | 5 | |
| 3701 MISC METAL PROCESSING | 4 | 3 | -1 |
| 5003 GARDENING | 3 | 3 | |
| 5048 ANIMAL CARETAKING | 11 | 11 | |
| 5201 MISC OCCUPATIONS | 1 | 1 | |
| 5407 ELECTRIC POWER CONTROLLING | 50 | 50 | |
| 5409 WATER TREATMENT PLANT OPERATING | 1 | 1 | |
| 5413 FUEL DISTRIBUTION SYS OPERATING | 11 | 10 | -1 |
| 5419 STATIONARY ENGINE OPERATING | 4 | 1 | -3 |
| 5701 MISC MOBILE IND EQUIP OPERATION | 1 | 1 | |
| 5703 MOTOR VEHICLE OPERATING | 168 | 168 | |
| 5704 FORK LIFT OPERATING | 14 | 14 | |
| 5716 ENGINEERING EQUIPMENT OPERATING | 14 | 14 | |
| 5725 CRANE OPERATING | 2 | 2 | |
| 6907 WAREHOUSE WORKING | 21 | 21 | |
| 6912 MATERIAL SORTING & CLASSIFYING | 19 | 18 | -1 |
| 6967 PERSONAL FLIGHT EQUIPMENT HANDLING | 1 | 1 | |
| 7002 PACKING | 2 | 1 | -1 |
| 9999 OCCUPATION UNKNOWN | 60 | 60 | |
| TOTALS | 425 | 418 | -7 |

UNCLASSIFIED SAMPLE DATA

Figure P-2. Table C2 - Wartime Civilian Manpower Demand and Supply by Occupation

TABLE C2

WARTIME CIVILIAN MANPOWER DEMAND AND SUPPLY BY IDOS
COMPONENT: ARMY

| IDOS | DEMAND | SUPPLY | OVER/SHORT(-) | % OF DEMAND |
|---|--------|--------|---------------|-------------|
| CM Medical Professionals | 3 | 3 | | |
| EY General Managers and Administrators | 11 | 11 | | |
| JY General and Miscellaneous Clerks | 5 | 5 | | |
| PA Machinists and Metal Workers | 9 | 8 | -1 | -11 |
| PB Electricians | 3 | 3 | | |
| PJ Electronic Equipment Repairmen | 3 | 3 | | |
| PN Precision Equipment Repair | 3 | 3 | | |
| PZ Miscellaneous Production Workers | 5 | 5 | | |
| RC Construction Equipment Operators | 14 | 14 | | |
| RH Vehicle Operations | 169 | 169 | | |
| RW Materie Handlers | 70 | 67 | -3 | -4 |
| RX Installation Maintenance Workers | 58 | 55 | -3 | -5 |
| RZ Miscellaneous Operators and Laborers | 12 | 12 | | |
| WZ Miscellaneous Personnel | 60 | 60 | | |
| TOTALS | 425 | 418 | -7 | |

UNCLASSIFIED SAMPLE DATA

Figure F-3. Table C2 - Wartime Civilian Manpower Demand and Supply by IDOS

TABLE C3

WARTIME CIVILIAN MANPOWER DEMAND AND SUPPLY BY LOCATION
COMPONENT: ARMY

| LOCATION | DEMAND | SUPPLY | OVER/SHORT(-) |
|-----------------|--------|--------|---------------|
| 00 UNIDENTIFIED | 4 | 4 | |
| ALABAMA | 4 | 4 | |
| ALASKA | 1 | 1 | |
| CALIFORNIA | 7 | 7 | |
| CONNECTICUT | 4 | 4 | |
| DELAWARE | 2 | 2 | |
| FLORIDA | 2 | 2 | |
| HAWAII | 3 | 3 | |
| ILLINOIS | 2 | 2 | |
| MICHIGAN | 2 | 2 | |
| MONTANA | 4 | 4 | |
| NEBRASKA | 2 | 2 | |
| NEW JERSEY | 61 | 59 | -2 |
| OHIO | 2 | 2 | |
| PENNSYLVANIA | 1 | 1 | |
| VIRGINIA | 19 | 19 | |
| WASHINGTON | 55 | 55 | |
| ALGERIA | 1 | 1 | |
| ARGENTINA | 2 | 2 | |
| AUSTRALIA | 1 | 1 | |
| BOLIVIA | 2 | 2 | |
| BRAZIL | 4 | 4 | |
| CANADA | 2 | 2 | |
| COLOMBIA | 2 | 2 | |
| HAITI | 1 | 1 | |
| HONG KONG | 4 | 4 | |
| INDIA | 2 | 2 | |
| ISRAEL | 3 | 3 | |
| IRAQ | 1 | 1 | |
| JAMATCA | 1 | 1 | |
| LEBANON | 2 | 2 | |
| LIBERIA | 2 | 2 | |
| MOROCCO | 2 | 2 | |
| MEXICO | 3 | 3 | |
| NIGER | 1 | 1 | |
| NIGERIA | 2 | 2 | |
| NEPAL | 1 | 1 | |
| NICARAGUA | 1 | 1 | |
| PARAGUAY | 1 | 1 | |
| PERU | 2 | 2 | |
| PAKISTAN | 4 | 4 | |
| PHILIPPINES | 196 | 191 | -5 |
| SAUDI ARABIA | 1 | 1 | |
| SOUTH AFRICA | 3 | 3 | |
| YUGOSLAVIA | 3 | 3 | |
| TOTALS | 425 | 418 | -7 |

UNCLASSIFIED SAMPLE DATA

Figure F-4. Table C3 - Wartime Civilian Manpower Demand and Supply by Location

APPENDIX G

CIVILIAN MANPOWER SUBSYSTEM: ERROR REPORT

CIVILIAN MANPOWER PLANNING SUBSYSTEM
ERROR REPORT

errors.civ

| REC | GEOLOC | UNIT | IDOS | OCC | PP | GRADE | EMPLOY CAT | INVALID FIELD | ERRONEOUS VALUES |
|-----|-----------|--------|------|------|----|-------|------------|--|------------------|
| 1 | RP2100000 | FFX8J0 | RZ | 5040 | GS | 13 | F | Manpower Data All Zero | 0 |
| 2 | RP2100000 | FFX8J0 | RZ | 5040 | HW | 13 | F | Pay Plan | HW |
| 3 | RP1200000 | FFYPL0 | RX | 5407 | WG | C1 | F | Grade | C1 |
| 4 | RP0400000 | FFX8K0 | | 0000 | GS | 13 | F | Civil Service Occupation Code | 0000 |
| 5 | 000000001 | FFYPL0 | RX | 5407 | WG | 13 | F | GSA Location Code | 000000001 |
| 6 | RP2100000 | FFBNS0 | RX | 5407 | GS | 13 | F | Authorized + Created - Terminated < 0 | Demand Data |
| 7 | RP0400000 | FFX8K0 | RX | 5407 | GS | 15 | F | Onhand + Gains - Losses - Recalled < 0 | Supply Data |
| 8 | RP1200000 | FFYPL0 | RX | 5407 | GS | 15 | 0 | Employment Category | C |

8 Records in Error out of 15

G-1

UNCLASSIFIED SAMPLE REPORT

Figure G-1. Civilian Manpower Planning Subsystem Error Report

APPENDIX H

CIVILIAN MANPOWER SUBSYSTEM: TERMINAL, DISPLAYS

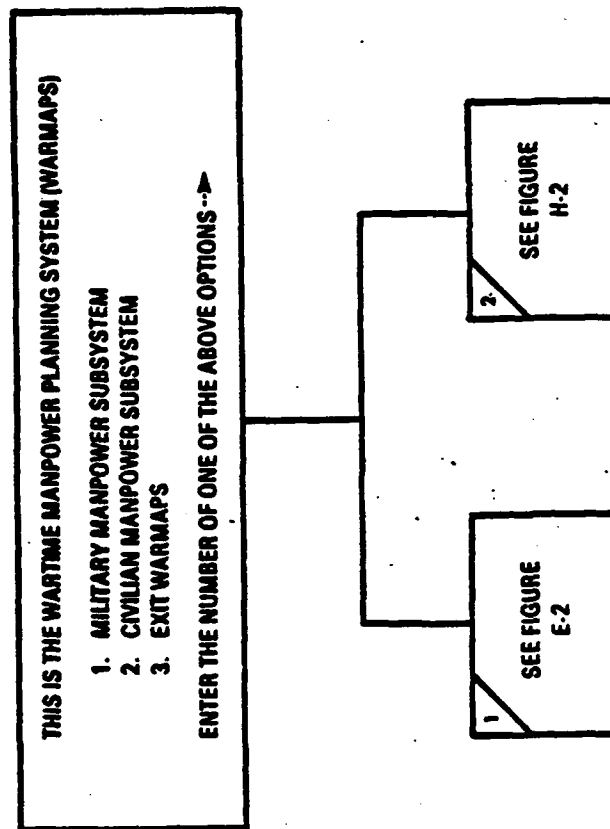


Figure H-1. Wartime Manpower Planning System (WARMAPS)

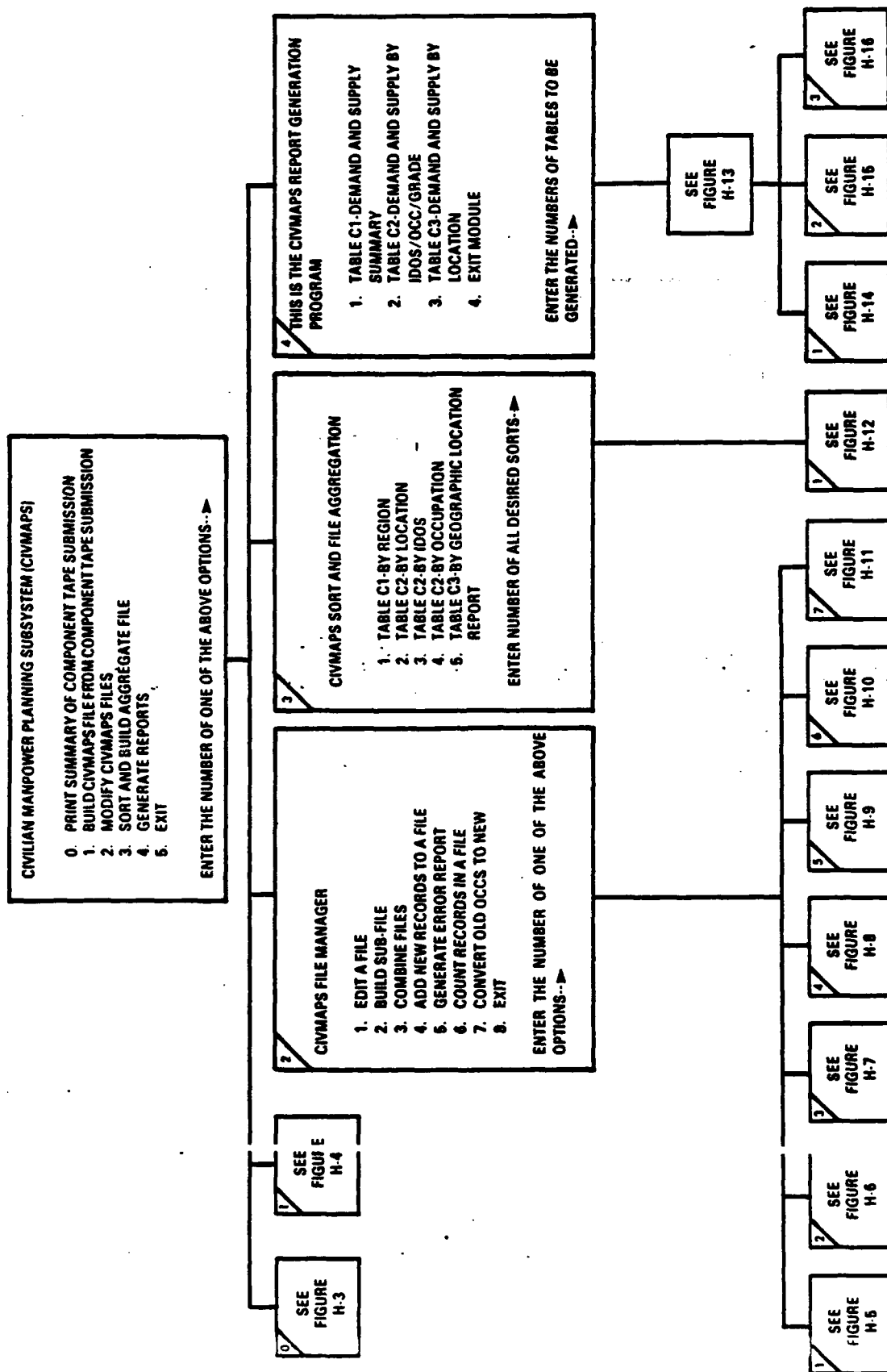


Figure H-2. Civilian Manpower Planning Subsystem

| TERMINAL DISPLAY | USER RESPONSE/EXPLANATION |
|--|--|
| OPTION: C | |
| SUMMARY OF COMPONENT TAPE SUBMISSION | |
| 1. Enter name of CIVMAPS component file: file.name.tape ## Records in Error out of. ## | This menu option causes the computer to read a component's CIVMAPS submission (in tape format) and compile a summary of the numeric manpower data. 1. Enter the name of the ".tape" file, e.g., army.86.tape. The screen returns the file name and the number of errors found when it has completed the summary. In this program an error record is a record which contains non-numeric data in any numeric manpower field. No other errors are checked. |
| 2. Enter any character to return. | 2. Enter any character key to return to the CIVMAPS main menu. |
| See file name.sum for a summary of the manpower data. | After you exit the main menu, a copy of the summary report can be found by typing "ls" (to list segments) and printing or viewing the segment file name.sum, e.g., army.86.sum |

Figure H-3. CIVMAPS Component File Summary

| TERMINAL DISPLAY | USER RESPONSE/EXPLANATION |
|--|---|
| OPTION: 1 | |
| THIS IS THE CIVMAPS FILE BUILD PROGRAM | This menu option permits you to create a CIVMAPS file from a component's data submission which is in .tape file format. |
| 1. Enter name of CIVMAPS component file: | 1. Enter the name of any ".tape" file, e.g., navy.86.tape. |
| 2. Enter name of CIVMAPS file to be created: | 2. Enter a file name of your choice, e.g., navy.86 |
| Creating file name.civ | The created file will automatically be given the suffix ".civ", e.g., navy.86.civ. |
| 3. Enter component code --> | 3. Enter appropriate component code. |
| 4. Do you want error checks? | 4. Enter "y" if you want all records to be checked for errors. Enter "n" if you do not want records to be checked for errors. |
| 5. Do you want to omit specific types of error checks? | 5. If you enter "n" skip to 6. If you enter "y", you will be shown a list of the available error checks by type. You may omit specific checks. Only the errors checked and found will be flagged. |
| The available error checks are as follows: | Enter number(s) without a space or any other character between them to indicate which error checks you wish to omit. |
| <ol style="list-style-type: none"> 1. Manpower Data all Zero 2. Pay Plan Check 3. Grade Check 4. Occupation Check 5. GSA Location Check 6. Authorized + Created - Terminated > 0 7. Onhand + Transfer Gains - Transfer Losses - Recalled > 0 8. Invalid Manpower data, could not convert to binary. 9. Employment Category. | |

Figure H-4. Build CIVMAPS File from Component Tape Submission

| TERMINAL DISPLAY | USER RESPONSE/EXPLANATION |
|--|---|
| <p>OPTION: 1 (Continued)</p> <p>Enter the number(s) of the error checks you wish to omit --></p> <p>6. Do you have a component rec_fix_up program?</p> <p>recn = ## recs_in_errors = ##;</p> <p>>>> ## Records in Error out of ## <<<<</p> <p>>>> See civmaps_error_report <<<<</p> <p>civmaps_file build: ## records read from <u>file name.tape</u></p> <p>## records written to <u>file name.civ</u></p> <p>7. Enter any character to return.</p> | <p>6. Enter "n" unless notified to do otherwise.</p> <p>The computer reports the number of records in error in the first 100, 1,000 and 10,000 records. You may wish to terminate the file building process prior to completion if too many records contain errors. To terminate the process, press the BREAK key. Then enter "pi" (program interrupt) to close the file and return to the CIVMAPS main menu period:</p> <p>The process is complete. A summary is provided. If errors have been flagged, the process also produces an error report which you can view on the terminal or print in hardcopy.</p> <p>7. Press any character key to return to the CIVMAPS main menu.</p> |

Figure H-4 (Cont.). Build CIVMAPS File from Component Tape Submission

TERMINAL DISPLAY

USER RESPONSE/EXPLANATION

OPTION: 2-1

THIS IS THE CIVMAPS FILE EDITING PROGRAM

1. Enter name of CIVMAPS update file:

File file_name.civ opened for update.

Using file_name.civ

2. How to choose records for edit?

1. Sequentially from a Start Number
2. With Errors Flagged
3. By Record Number
4. By Key Fields
5. Exit.

Enter selection_mode --->

The File Editing Program allows you to select records for editing, select an edit mode, and modify the contents of a .civ file.

1. Enter the name of the file to be edited (any .civ file).

2. To select records for editing, a selection method must be chosen:

Option "1" allows you to select all records starting from a specified record number to the end of the file.

Option "2" allows you to select all records which contain errors that have been flagged.

Option "3" allows you to select individual records by record number. Records must be selected in low number to high number order.

Option "4" allows you to select all records with specified values in specified key fields.

Option "5" returns you to the File Manager menu.

Figure H-5. CIVMAPS File Manager (File Editing Program)

OPTION: 2-1 (Continued)

3. Choose record editing mode:

1. Individual
2. Mass Change
3. Mass Delete
4. Exit.
-

3. Now choose an editing mode:

Option "1" allows you to look at and modify each selected record individually.

Option "2" allows you to change all selected records with one edit operation.

Option "3" allows you to delete all selected records from the .civ file.

Option "4" returns you to the File Manager menu.

records read from file file name.civ
 ## records selected
 ## records updated in file file name.civ
 ## records deleted from file file name.civ
 ## records remain in file file name.civ

Upon conclusion of an edit session, a summary of edit operations is provided and you are returned to the File Manager menu.

Figure H-5 (Cont.). CIVMAPS File Manager (File Editing Program)

USER RESPONSE/EXPLANATION

TERMINAL DISPLAY

OPTION: 2--

THIS IS THE CIVMAPS SUB-FILE BUILDING PROGRAM

1. Enter name of CIVMAPS input file:

File file name.civ opened for update.
Using file file name.civ

2. How to choose records for subfile?

1. Sequentially from a Starting Number
2. With Errors Flagged
3. By Record Number
4. By Key Fields
5. Exit.

Enter selection_mode -->

3. How to process records for subfile?

1. Copy
2. Move
3. Exit -->

The Sub-file Building Program allows you to select records and copy or move them to an existing or newly created subfile.

1. Enter the name of the file from which records will be selected (any .civ file).

2. To select records for the subfile, a record selection method must be chosen:

Option "1" allows you to select all records starting from a specified record number to the end of the file.

Option "2" allows you to select all records which contain errors that have been flagged.

Option "3" allows you to select individual record by record number.

Option "4" allows you to select all records with specified values in specified key fields.

Option "5" returns you to the File Manager menu.

3. The selected records may be copied or moved:

Option "1" allows you to copy the selected records from the .civ input file to another file.

Figure H-6. Build CIVMAPS File

| TERMINAL DISPLAY | USER RESPONSE/EXPLANATION |
|--|---|
| OPTION: 2 2 (Continued) | |
| 3. (Continued) | Option "2" allows you to <u>remove records</u> from the .civ input file and move them to another file. Note: When you move records, you are deleting them from one file and putting them in another file. |
| | Option "3" terminates the process and returns you to the CIVMAPS File Manager menu. |
| 4. Enter name of CIVMAPS output file: | 4. Enter a name for the subfile. If the name is an existing file, records will be copied or moved to the existing file. |
| 5. Do you wish to create a new file? | 5. If the name is not recognized as an existing file, you are asked if you are creating a new file. Enter "y" if you are creating a new file. Enter "n" if you expected an existing file to be recognized. You will be asked for the file name again. |
| Creating new file: <u>file name.civ</u> | |
| End of file reached. | |
| ## records read from file <u>input file name.civ</u> ## records selected ## records copied/moved to file <u>output file name.civ</u> ## records remain in file <u>input file name.civ</u> | At the conclusion of the subfile building process, a summary is provided. You are then returned to the File Manager menu. |

Figure H-6 (Cont.). Build CIVMAPS File

TERMINAL DISPLAY

USER RESPONSE/EXPLANATION

OPTION: 2-3

THIS IS THE CIVMAPS FILE COMBINATION PROGRAM.

Copies all records from one or more files to a single new or old file.

1. Enter name of CIVMAPS output file:

Do you wish to create a new file?

Creating new file: file name.civ

2. Reply "non" when there are no more input files.

A. Enter name of CIVMAPS input file:

B. file file name.civ opened for input.

C. # records copied from file file name.civ to file file name.civ

A. Enter name of CIVMAPS input file:

TOTAL: # records copied into file file name.civ

The File Combination Program enables you to copy .civ subfiles to an existing or new.civ file.

1. Enter file name of your choice.

If the file name is recognized as an existing file, the existing file will be opened to allow a subfile to be copied into it. Otherwise, the system verifies that you want a new file to be created.

2. Enter the name of the subfile to be copied.

The system will report the number of records copied, and prompt you for the name of the next file.

When you have no more files to copy, enter "none" as the input file name.

Termination provides a count of the total number of records copied to the output file. You are returned to the File Manager menu.

Figure H-7. CIVMAPS File Manager (File Combination Program)

OPTION: 2-4

THIS IS THE CIVMAPS ADD RECORDS PROGRAM.

The Records Add Program allows you to manually enter civilian records to an existing or new .civ file.

1. Enter name of CIVMAPS update file:
File file name.civ opened for update

1. Enter file name. An existing .civ file will be opened for update or a new .civ file will be created.

2. After each field name reply either:
"c" = constant,
"v" = variable,
"n" = no data.

2. Each data field of a civilian record is initialized with information about the nature of the data to be entered. Each field will be displayed and you will be required to reply either "c", "v", or "n".

component
unit
location
occupation
grade
employment category
pay plan
authorized
created
terminated
onhand
recalled
transfer gains
transfer losses
reassign
convert
utilize
prerecruits
temp military
contractors

Choose "c" for those fields which contain unchanging constant values.

Choose "v" for those fields in which data values may vary from record to record.

Choose "n" for those fields for which you will not enter data.

Figure H-8. CIVMAPS File Manager (Add Records Program)

TERMINAL DISPLAY

USER RESPONSE/EXPLANATION

OPTION: 2-4 (Continued)

3. Creating Record Number 1 Reply:

"y" = yes
 "r" = reinitialize,
 "q" = quit

--

Creating initial record.

Values input for each record will be used to initialize the immediately following record.

4. Enter Employment Cat:

Enter Component Code:

Enter 6-Char Unit (UIC):

Enter 9-Char Location Code:

Enter 4-Digit Occupation Code:

Enter 2-Char Grade:

Enter Pay Plan:

Enter Authorized:

3. After initialization you may:

Enter "y" to proceed with entering values for the first record; or

Enter "r" to repeat the initialization process; or

Enter "q" to terminate and return to the File Manager menu.

4. To create the first record, you will be prompted for a data value for all fields you initialized as constant or variable.

After the first record, you will only be prompted for those values you have initialized as variable. For fields that you initialized as constant, the same value will be retained from record to record.

TERMINAL DISPLAY

USER RESPONSE/EXPLANATION

5. The fields for positions created, terminated, transfer gains, transfer losses, manpower to reassign, manpower convert and manpower to utilize all contain time phased data. When entering data for these fields, you will be asked to specify the time periods to be manipulated. If you enter "m" (for M-Day) you will be prompted only for an M-Day value. If you enter "60" you will be prompted for a value for M+60 only. For each field with time phased data, enter a list of the time periods for which data are available. Enter a space between each entry, e.g.,
m 60 120 180. You will be prompted for a data value for each time period you have listed.

5. Time periods may include:
m 30 60 90 120 150 180
time periods to be manipulated -->
Enter CREATED
Enter Created M-Day:
time periods to be manipulated
Enter TERMINATED
Enter Terminated M+60:
Enter Onhand:
Enter Recalled:
time periods to be manipulated -->
Enter TRANSFER GAINS
Enter Transfer Gains M-Day:
time periods to be manipulated -->
Enter TRANSFER LOSSES
Enter Transfer Losses M-Day:
time periods to be manipulated -->
Enter REASSIGN time periods to be manipulated -->
Enter Reassign M-Day:
time periods to be manipulated -->
Enter CONVERT time periods to be manipulated -->
Enter Convert M-Day: Enter Utilized Pre-M:
time periods to be manipulated -->
Enter UTILIZE
Enter Utilize M-Day:
Enter Prerecruits:
Enter Temporary Military:
Enter Contractors:

Figure H-8 (Cont.). CIVMAPS File Manager (Add Records Program)

TERMINAL DISPLAY

USER RESPONSE/EXPLANATION

OPTION: 2-4 (Continued)

6. RECORD NUMBER: 1 PRE---M---30---60---90---120---150---180

| | |
|--------------|----------|
| component = | auth |
| theater = | created |
| region = | term |
| geoloc = | onhand |
| unit = | recalled |
| idos = | gains. |
| occupation = | losses |
| pay-plan = | |
| grade = | reassign |
| employ-cat = | convert |
| | utilize |
| | prerec |
| | tempmil |
| | contr |

Enter one of:

c correct record
m modify record
d delete record
w write record to file. -->

7. Creating Record

"y" = yes
"r" = reinitialize
"q" = quit

-->

6. After all values are entered, the record will be displayed. Errors are detected and reported. You may choose to correct, modify, delete or write the record.

Option "c" allows you to correct the record. You will be prompted to enter values for those fields with flagged errors.

Option "m" allows you to select any field and change/modify the value.

Option "d" causes the record to be written discarded.

Option "w" causes the record to be written to the .civ file.

(The record may be changed at a later time with the File Manager Edit Program.)

If you correct or modify values, the record will be displayed again with the new values. Again, you will be given the opportunity to correct, modify, delete or write the record to the file.

7. You may continue to add records, correct them, reinitialize or terminate (quit) the process.

Termination provides a count of the records added to the file and returns you to the File Manager Menu.

TERMINAL DISPLAY

USER RESPONSE/EXPLANATION

OPTION: 2-5

THIS IS THE CIVMAPS RECORD VERIFICATION AND ERROR REPORT PROGRAM

1. Enter name of CIVMAPS update file:

File file_name.civ opened for input.

2. Do you want to omit specific types of error checks?

Records in Error out of

See civmaps_error_report

The record verification program enables you to conduct checks on the data records and to flag records with errors as an aid to editing. The program also compiles a report of errors.

1. Enter file name (any .civ file).

2. Enter "y" and the terminal will show you the available error checks and allow you to omit specific checks.

Enter "n" and each record will be checked for all types of errors.

The terminal provides a summary of the number of records checked and the number of records found to contain errors. You are returned to the File Manager menu.

After you exit the main CIVMAPS menu, the civmaps_error_report can be viewed, printed or deleted.

Figure H-9. CIVMAPS File Manager (Record Verification Program)

| TERMINAL DISPLAY | USER RESPONSE/EXPLANATION |
|--|---|
| OPTION: 2-6 | |
| THIS IS THE CIVMAPS RECORD COUNTING PROGRAM | |
| 1. Enter name of CIVMAPS input file: | This program counts the records in a file. It is used to verify the number of records in a file after editing or other processing has been performed. |
| File file <u>name.civ</u> opened for input. | |
| # records counted in file <u>file name.civ</u> | |
| | 1. Enter file name (any .civ file). |
| | The terminal reports the record count and you are returned to the File Manager menu. |

Figure H-10. CIVMAPS File Manager (Record Counting Program)

USER RESPONSE/EXPLANATION

TERMINAL DISPLAY

OPTION: 2-7

THIS IS THE CIVMAPS OLD OCC TO NEW OCC CONVERSION PROGRAM

This program uses an internal table to permanently convert known outdated occupation codes to known new occupation codes.

This program can be used to substantially reduce the number of occupation code errors in a file if the errors are caused by outdated coding.

1. Enter file name (any .civ file).

The terminal reports the number of outdated occupation codes that were found and converted. You are then returned to the File Manager menu.

1. Enter name of CIVMAPS update file:

File file_name.civ opened for input.

records read in file file_name.civ

OCC updated in ## records.

Figure H-11. CIVMAPS File Manager (Old to New Occupation Conversion Program)

TERMINAL DISPLAY

OPTION: 3

THIS IS THE CIVMAPS FILE SORT AND AGGREGATION PROGRAM.

(The following is an example of the region sort.)

1. Enter name of CIVMAPS input file:

File file name.civ opened for input.

Records input to sort: ## out of ##

Sorted, aggregated records will be written to:
file name: iv.reg

Sort complete ## records returned ## records written.

2. Enter any character to return.

USER RESPONSE/EXPLANATION

The CIVMAPS file sort program sorts and aggregates the ".civ" file by region, IDOS, occupation or location codes. It produces sorted files that are used in report generation.

1. Enter file name (any .civ file).

The program:

- o Identifies the file and opens it.
- o Displays the number of records input to the sort and aggregation process.
- o Names the sorted output file by adding a suffix to the input file name. The suffix reflects the key field used in the sort.
- o Upon completion, displays the number of records written in the sorted output file. The difference in the number of records shows the amount of aggregation that has taken place.

2. Any entry will return control to CIVMAPS main menu.

Figure H-12. CIVMAPS File Sort

TERMINAL DISPLAY

USER RESPONSE/EXPLANATION

OPTION: 4

1. THIS IS THE CIVMAPS REPORT GENERATION PROGRAM.

1. Table C1 - WARTIME CIVILIAN MANPOWER DEMAND AND SUPPLY
2. Table C2 - WARTIME CIVILIAN MANPOWER DEMAND AND SUPPLY BY IDOS/OGC/GRADE
3. Table C3 - WARTIME CIVILIAN MANPOWER DEMAND AND SUPPLY BY LOCATION
4. Table C4 - LOSSES TO RECALL OF RESERVISTS & RETIREES BY IDOS/OGC
5. Exit Module

Enter the numbers of tables to be generated -->

2. Enter name of CIVMAPS input file:

3. Enter desired component codes or "all"

4. How many lines (0, 1, 2) of additional label?

1. Enter the number(s) of the tables you want generated without any blank spaces or any other characters, e.g., 123.

2. Enter the name of the file. It must end in .civ.

3. Enter the component code(s) of the Service/Agency file. The component code is used to create a Service/Agency label on the reports. If you indicate more than one code or "all", the system will give you the choice of using a Department of Defense label or creating your own label. For a list of valid component codes, type "help".

4. If you desire to add additional label or comment lines to your report header, enter either "1" or "2" here to add 1 or 2 lines. Type "0" if no additional lines are desired.

TERMINAL DISPLAY

USER RESPONSE/EXPLANATION

OPTION: 4 (Continued)

5. Enter line -->

6. Do you want to select records?

All records from the file will be included in the reports.

7. Depress any key to continue -->

5. If you choose additional header lines, you are now given the opportunity to enter labels or comments. You may enter up to 75 characters on each additional line in the header.

6. The report generator software has the capability to select particular records and compile the report using only the selected records. This capability is similar to the record selection features of the File Manager (see Figure H-6). For example, you could compile a report for one state from a file containing all states. For a list of the fields that can be used to select records, type "help".

If you answer "no" to the record selection option, this message confirms that all records will be included in the reports.

7. You can review your record selections. Press any character key to continue creating your reports.

Figure H-13 (Cont.). CIVMAPS Report Generator

TERMINAL DISPLAY

USER RESPONSE/EXPLANATION

OPTION: 4-1

THIS IS THE CIVMAPS REPORT GENERATION PROGRAM.

8. This is the Table C1 report module. Your report can be broken out by the following level breaks.

1. No Level Break
2. Theater
3. Theater & State/Country
4. Theater, State/Country, & IDOS
5. Theater, State/Country, IDOS & Pay Plan
6. Theater, State/Country, IDOS, Pay Plan, & Grade
7. Location
8. Region
9. Region & IDOS
10. Region, IDOS, & Pay Plan
11. Region, IDOS, Pay Plan, & Grade

Enter the number of the level of report desired -->

File filename.reg opened for input.

9. Do you want the report saved for the printer?

Indicates which sorted file is in use.

9. Enter "y" to have the report written and saved in a segment. This is required if you wish to print the report in hardcopy. Enter "n" if you only want to view the report on your terminal screen. The report will appear on your screen, and as soon as you clear your screen, it is completely gone.

Figure H-14. CIVMAPS Report Generator

| TERMINAL DISPLAY | USER RESPONSE/EXPLANATION |
|--|--|
| OPTION: 4-1 (Continued) | |
| 10. Do you want the report added to an existing report segment? | 10. If you have an existing segment and wish to add (append) this report to it, enter "y". If you enter "n", a new report segment will be created. If you have an old report segment with the same name, it will be overwritten by the "n" option. |
| <u>PRODUCING TABLE C1</u> | |
| The report has been written to the segment file <u>name.C1.rpt</u> . | When the report is complete the system informs you. |
| Depress any key after viewing --> | Enter any character to continue with other reports. |
| Depress any key to return to CIVMAPS --> | Enter any character to return to the CIVMAPS main menu. |

Figure H-14 (Cont.). CIVMAPS Report Generator

TERMINAL DISPLAY

USER RESPONSE/EXPLANATION

OPTION: 4-2

THIS IS THE CIVMAPS REPORT GENERATION PROGRAM.

8. The C2 report formats are as follows:

1. yy IDOS
2. yy OCCUPATION
3. yy OCCUPATION and GRADE
4. yy OCCUPATION and GRADE with DOT CODES

Enter the number(s) of the report formats desired --->

This is the Table C2 Report module.

This report will be formatted by IDOS

File filename.IDOS/OCC open for input.

9. Want negative net only? --->

10. Do you want the report saved for the printer?

11. Do you want the report added to an existing report segment?

8. Enter the number(s) of the desired level of detail and format.

The program confirms your selection.

Identifies the sorted file it will use to produce the report.

9. If you are only interested in compiling shortfalls in your report, enter "y". The report will not report overages. Enter "n" if you want both shortfall and overages in the report.

10. Enter "y" if you would like the report saved to a permanent segment. Enter "n" if you are only interested in seeing the report on the screen.

11. Enter "y" if you would like the report added to an existing segment. If you would like a new segment answer "n". The new segment will replace any previous segment with the same name.

TERMINAL DISPLAY

USER RESPONSE/EXPLANATION

OPTION: 4-3

THIS IS THE CIV MAPS REPORT GENERATION PROGRAM.

8. The GEOLOC Report can be compiled by:

1. State/Country
2. GEOLOC (State, City, and County)
3. GEOLOC and UNIT

Enter the number(s) of the compilations you want -->

This is the GECOC report module.

File filename.geoloc opened for input.

9. Do you want the location reported by theaters?

10. Do you want the report saved for the printer?

11. Do you want the report added to an existing report segment?

PRODUCING GEOLOC: REPORT

The report has been written to the segment filename C3.

8. Enter the number(s) of the derived level of detail and format.

The program confirms selection.

Identifies the sorted file it will use to produce the report.

9. Enter "y" if you would like theaters displayed in your report.

10. Enter "y" if you would like the report saved to a permanent segment. Enter "n" if you are only interested in seeing the report on the screen.

11. Enter "y" if you would like the report added to an existing segment. If you would like a new segment, answer "N". The new segment will replace any previous segment with the same name.

Identifies the segment the report was written to.

Figure H-16. CIVMAPS Report Generator

| TERMINAL DISPLAY | USER RESPONSE/EXPLANATION |
|--|--|
| OPTION: 4-3 (Continued) | |
| 12. Depress any key after viewing --> | 12. Enter any character to continue. If you chose more than one C3 report format processing of the next C3 format will introduce itself. |
| 13. Depress any key to return to CIVMAPS --> | 13. Enter any character to return to the CIVMAPS main menu. |

Figure H-16 (Cont.). CIVMAPS Report Generator